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FACULTY OF MEDICINE

CALENDAR

SESSION - - 1915-1916

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CALENDAR

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1915 CALENDAR 1915

JANUARY						
Sun.	3	10	17	24	31	
Mon.	4	11	18	25	..	
Tues.	5	12	19	26	..	
Wed.	6	13	20	27	..	
Thur.	7	14	21	28	..	
Fri.	1	8	15	22	29	..
Sat.	2	9	16	23	30	..

FEBRUARY						
Sun.	..	7	14	21	28	
Mon.	1	8	15	22	..	
Tues.	2	9	16	23	..	
Wed.	3	10	17	24	..	
Thurs.	4	11	18	25	..	
Fri.	5	12	19	26	..	
Sat.	6	13	20	27	..	

MARCH						
Sun.	..	7	14	21	28	
Mon.	1	8	15	22	29	
Tues.	2	9	16	23	30	
Wed.	3	10	17	24	31	
Thur.	4	11	18	25	..	
Fri.	5	12	19	26	..	
Sat.	6	13	20	27	..	

APRIL						
Sun.	..	4	11	18	25	
Mon.	..	5	12	19	26	
Tues.	..	6	13	20	27	
Wed.	..	7	14	21	28	
Thur.	1	8	15	22	29	
Fri.	2	9	16	23	30	
Sat.	3	10	17	24	..	

MAY						
Sun.	2	9	16	23	30	
Mon.	3	10	17	24	31	
Tues.	4	11	18	25	..	
Wed.	5	12	19	26	..	
Thur.	6	13	20	27	..	
Fri.	7	14	21	28	..	
Sat.	1	8	15	22	29	..

JUNE						
Sun.	..	6	13	20	27	
Mon.	..	7	14	21	28	
Tues.	1	8	15	22	29	
Wed.	2	9	16	23	30	
Thur.	3	10	17	24	..	
Fri.	4	11	18	25	..	
Sat.	5	12	19	26	..	

JULY						
Sun.	..	4	11	18	25	
Mon.	..	5	12	19	26	
Tues.	..	6	13	20	27	
Wed.	..	7	14	21	28	
Thur.	1	8	15	22	29	
Fri.	2	9	16	23	30	
Sat.	3	10	17	24	31	

AUGUST						
Sun.	1	8	15	22	29	
Mon.	2	9	16	23	30	
Tues.	3	10	17	24	31	
Wed.	4	11	18	25	..	
Thur.	5	12	19	26	..	
Fri.	6	13	20	27	..	
Sat.	7	14	21	28	..	

SEPTEMBER						
Sun.	..	5	12	19	26	
Mon.	..	6	13	20	27	
Tues.	..	7	14	21	28	
Wed.	1	8	15	22	29	
Thur.	2	9	16	23	30	
Fri.	3	10	17	24	..	
Sat.	4	11	18	25	..	

OCTOBER						
Sun.	3	10	17	24	31	
Mon.	4	11	18	25	..	
Tues.	5	12	19	26	..	
Wed.	6	13	20	27	..	
Thur.	7	14	21	28	..	
Fri.	1	8	15	22	29	..
Sat.	2	9	16	23	30	..

NOVEMBER						
Sun.	..	7	14	21	28	
Mon.	1	8	15	22	29	
Tues.	2	9	16	23	30	
Wed.	3	10	17	24	..	
Thur.	4	11	18	25	..	
Fri.	5	12	19	26	..	
Sat.	6	13	20	27	..	

DECEMBER						
Sun.	..	5	12	19	26	
Mon.	..	6	13	20	27	
Tues.	..	7	14	21	28	
Wed.	1	8	15	22	29	
Thur.	2	9	16	23	30	
Fri.	3	10	17	24	31	
Sat.	4	11	18	25	..	

1916 CALENDAR 1916

JANUARY						
Sun.	2	9	16	23	30	
Mon.	3	10	17	24	31	
Tues.	4	11	18	25	..	
Wed.	5	12	19	26	..	
Thur.	6	13	20	27	..	
Fri.	7	14	21	28	..	
Sat.	1	8	15	22	29	..

FEBRUARY						
Sun.	..	6	13	20	27	
Mon.	..	7	14	21	28	
Tues.	1	8	15	22	29	
Wed.	2	9	16	23	..	
Thur.	3	10	17	24	..	
Fri.	4	11	18	25	..	
Sat.	5	12	19	26	..	

MARCH						
Sun.	..	5	12	19	26	
Mon.	..	6	13	20	27	
Tues.	..	7	14	21	28	
Wed.	1	8	15	22	29	
Thur.	2	9	16	23	30	
Fri.	3	10	17	24	31	
Sat.	4	11	18	25	..	

APRIL						
Sun.	2	9	16	23	30	
Mon.	3	10	17	24	..	
Tues.	4	11	18	25	..	
Wed.	5	12	19	26	..	
Thur.	6	13	20	27	..	
Fri.	7	14	21	28	..	
Sat.	1	8	15	22	29	..

MAY						
Sun.	..	7	14	21	28	
Mon.	1	8	15	22	29	
Tue	2	9	16	23	30	
Wed	3	10	17	24	31	
Thur.	4	11	18	25	..	
Fri.	5	12	19	26	..	
Sat.	6	13	20	27	..	

JUNE						
Sun.	..	4	11	18	25	
Mon.	..	5	12	19	26	
Tues.	..	6	13	20	27	
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Thur.	1	8	15	22	29	
Fri.	2	9	16	23	30	
Sat.	3	10	17	24	..	

JULY						
Sun.	2	9	16	23	30	
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Thur.	3	10	17	24	31	
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Sat.	5	12	19	26	..	

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Thur.	7	14	21	28	..	
Fri.	1	8	15	22	29	..
Sat.	2	9	16	23	30	..

CALENDAR 1915-1916.

1915—Sept. 1 Wednesday.....Last day for receiving applications for the September Examinations in Medicine.

Sept. 14 Tuesday.....Supplemental Examinations in Medicine begin.

Sept. 15 Wednesday....Registration in Medicine by the Secretary of the Faculty of Medicine.

Sept. 24 Friday.....Meeting of the Council of the Faculty of Medicine.

Sept. 28 Tuesday.....Academic Year begins at 9 a.m.

Sept. 28 Tuesday.....Enrolment in classes by the various Professors.

Sept. 28 Tuesday.....The Opening Address by the President to the Students of all the Faculties at 3 p.m. in Convocation Hall.

Oct. 1 Friday.....Meeting of the Council of the Faculty of Medicine.

Oct. 8 Friday.....Meeting of Senate.

Oct. 9 Saturday.....Stated meeting of the Caput to deal with requests as to social functions until Nov. 15.

Nov. 2 Friday.....Term Meeting of Senate.

Dec. 3 Friday.....Meeting of the Council of the Faculty of Medicine.

Dec. 10 Friday.....Meeting of Senate.

Dec. 17 Friday.....Last day of Lectures. Term ends at 12 noon.

Dec. 17 Friday.....Railway certificates issued at 12 noon.

Dec. 25 Saturday.....University Buildings closed.

1916—Jan. 1 Saturday.....University Buildings closed.

Jan. 4 Tuesday.....Easter Term begins.

Jan. 7 Friday.....Assemblage of the Students of all the Faculties in Convocation Hall at 12.10 p.m.

Jan. 14 Friday.....Meeting of Senate.

Feb. 4 Friday.....Meeting of the Council of the Faculty of Medicine.

Feb. 11 Friday.....Meeting of Senate.

Mar. 10 Friday.....Meeting of Senate.

1916—Mar. 15 Wednesday....Last day for receiving applications for Annual Examinations in Medicine.

April 9 Friday.....Meeting of the Council of the Faculty of Medicine.

April 21 Friday.....University Buildings closed.

April 28 Friday.....Term Meeting of Senate.

May 10 Wednesday....Annual Examinations in Medicine begin.

May 24 Wednesday....University Buildings closed.

May 27 Saturday.....Medical Session ends.

June 7 Wednesday....Term Meeting of Senate.

June 9 Friday.....University Commencement.

July 1 Saturday.....University Buildings closed

ADMINISTRATIVE OFFICERS.

THE UNIVERSITY.

President.....ROBERT ALEXANDER FALCONER, D.LITT., LL.D.
Registrar.....JAMES BREBNER, B.A.
Bursar.....FERDINAND ALBERT MOURÉ, ESQ.
Librarian.....HUGH HORNBY LANGTON, M.A.
Curator of the Museum....HENRY MONTGOMERY, M.A., B.Sc., PH.D.
Curator of the Archæological Section of the Museum,
CHARLES TRICK CURRELLY, M.A.
Physical Director.....JAMES WARREN BARTON, M.D.
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FACULTY OF MEDICINE.

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Dean.....C. K. CLARKE, M.D., LL.D.
Secretary.....A. PRIMROSE, M.B., C.M.
Assistant Secretary..... E. STANLEY RYERSON, M.D., C.M.

NOTE:—Communications relating to standing in all Faculties and Departments and to curricula, instruction and examinations in Graduate Courses, Law, Dentistry, Pharmacy, Agriculture, Music, Pedagogy, Gymnastics and Drill, Commerce and Veterinary Science are to be addressed to the Registrar of the University; correspondence regarding curricula, instruction and examinations in a particular Faculty is to be sent to the Secretary of that Faculty, while enquiries with reference to College instruction and residence are to be addressed to the Registrar of the College concerned.

UNIVERSITY OF TORONTO—FACULTY OF MEDICINE.
1915-1916.

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Dean of Faculty.....CHARLES KIRK CLARKE, M.D., LL.D.
Secretary of the Faculty.....ALEXANDER PRIMROSE, M.B., C.M.
Assistant Secretary.....EDWARD STANLEY RYERSON, M.D., C.M.

Professores Emeriti.

MOSES HENRY AIKINS, B.A., M.D.
WILLIAM WINSLOW OGDEN, M.D.
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RICHARD ANDREWS REEVE, B.A., M.D., LL.D.
GEORGE RAYMOND MCDONAGH, M.D.

FRANCIS BARCLAY ALLAN, M.A., Ph.D.,
Associate Professor of Organic Chemistry, 380 Brunswick Avenue.
JOHN ANDREW AMYOT, M.D.,
Professor of Hygiene, 4 Laburnum Avenue.
HARRY BERTRAM ANDERSON, M.D., C.M.,
Associate Professor of Clinical Medicine,
184 Bloor Street, East.
ALLEN MACKENZIE BAINES, M.D., C.M.,
Associate Professor of Clinical Medicine and Associate Professor of Paediatrics,
Consulting Physician, Toronto General Hospital,
Physician, Chief of Service, Hospital for Sick Children,
228 Bloor Street, West
BENJAMIN ARTHUR BENSLEY, B.A., Ph.D.,
Professor of Zoology, 37 Admiral Road.
NELSON HENRY BEEMER, M.B.,
Extra-mural Professor of Mental Diseases, The Asylum, Mimico.
GEORGE ARTHUR BINGHAM, M.B., M.D., C.M.,
Associate Professor of Clinical Surgery and Clinical Anatomy,
Surgeon, Chief of Service, Toronto General Hospital,
68 Isabella Street.

GEOFFREY BOYD, B.A., M.B.,
Associate Professor of Oto-Laryngology,
Assistant in Otology, Laryngology and Rhinology, Toronto General Hospital and Hospital for Sick Children.
167 Bloor Street, East.

THOMAS GREGOR BRODIE, M.D., LOND., F.R.S.,
Professor of Physiology, Medical Building.

HERBERT ALEXANDER BRUCE, M.D., F.R.C.S., ENG.,
Associate Professor of Clinical Surgery,
Surgeon, Chief of Service, Toronto General Hospital,
64 Bloor Street, East.

GEORGE HERBERT BURNHAM, M.D., F.R.C.S., EDIN.,
Professor of Ophthalmology and Otology,
Ophthalmologist, Chief of Service, St. Michael's Hospital,
Consultant in Ophthalmology and Otology, Toronto General Hospital,
2 Bloor Street, East.

ELI FRANKLIN BURTON, B.A., Ph.D.,
Associate Professor of Physics, Weston.

IRVING HEWARD CAMERON, M.B., LL.D., F.R.C.S., ENG., F.R.C.S., EDIN.
Professor of Surgery and Clinical Surgery,
Surgeon, Chief of Service, Toronto General Hospital and St. Michael's Hospital,
Consulting Surgeon, Hospital for Sick Children,
307 Sherbourne Street.

GRAHAM CHAMBERS, B.A., M.B.,
Associate Professor of Clinical Medicine,
Physician, Chief of Service, Toronto General Hospital,
26 Gerrard Street, East.

CHARLE KIRK CLARKE, M.D., LL.D.,
Professor of Psychiatry.
Psychiatrist, Superintendent, Toronto General Hospital,
55 Wellesley Street.

FREDERICK ADAM CLELAND,
Associate in Gynaecology, 57 Bloor Street, East.

ROBERT JOSEPH DWYER, M.B., M.R.C.P., LOND.,
Associate Professor of Clinical Medicine,
Physician, Chief of Service, St. Michael's Hospital,
734 Spadina Avenue.

JABEZ HENRY ELLIOTT, M.B.,
Associate in Medicine and Clinical Medicine,
Assistant Physician, St. Michael's Hospital,
11 Spadina Road.

WILLIAM HODGSON ELLIS, M.A., M.B.,
Professor of Toxicology, 74 St. Albans Street.

JOHN FERGUSON, M.A., M.D., L.R.C.P., EDIN.
Associate Professor of Medicine,
Physician, Chief of Service, Western Hospital, 264 College Street.

JOHN GERALD FITZGERALD, M.B.
Associate Professor of Hygiene, 186 Balmoral Avenue.

JAMES MOFFATT FORSTER, M.B.,
Associate in Psychiatry, Hospital for Insane,
999 Queen Street, West.

JOHN TAYLOR FOTHERINGHAM, B.A., M.B., M.D., C.M.,
Associate Professor of Medicine and Clinical Medicine,
Physician, Chief of Service, Toronto General Hospital,
20 Wellesley Street.

LACHLAN GILCHRIST, M.A.,
Demonstrator in Physics, North House, University of Toronto.

WILLIAM GOLDIE, M.B.,
Associate Professor of Clinical Medicine,
Chief, Out-patient Department in Medicine, Toronto General Hospital,
86 College Street.

ANDREW ROBERTSON GORDON, M.B.,
Associate Professor of Clinical Medicine,
Assistant Physician, Toronto General Hospital,
345 Bloor Street, West.

DUNCAN ARCHIBALD LAMONT GRAHAM, M.D.,
Lecturer in Bacteriology,
Pathologist, Hospital for Sick Children,
East House, University of Toronto.

STEPHEN MOFFATT HAY, M.D.,
Associate Professor of Surgery,
Surgeon, Chief of Service, Western Hospital,
550 Palmerston Boulevard.

VELYIEN EWART HENDERSON, M.A., M.B.,
Associate Professor of Pharmacy and Pharmacology,
Junior Assistant Physician, Toronto General Hospital,
Medical Building.

WILLIAM BELFRY HENDRY, B.A., M.B.,
Associate in Gynaecology,
Junior Assistant Gynaecologist Toronto General Hospital,
181 Carlton St.

GOLDWIN WILLIAM HOWLAND, B.A., M.B., M.R.C.P., LOND.,
Associate in Clinical Medicine,
Junior Assistant Physician, Toronto General Hospital,
638 Spadina Avenue.

ANDREW HUNTER, M.A., B.Sc., M.B., CH.B., EDIN.,
Professor of Chemical Pathology, 504 Sherbourne Street.

ARCHIBALD GOWANLOCK HUNTSMAN, B.A., M.B.
Lecturer in Biology, 65 Thorold Avenue.

HENRY SEATON HUTCHISON, M.B.,
Associate in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
317 Sherbourne Street.

CYRIL GRAY IMRIE, M.D.,
Lecturer in Chemical Pathology, 192 Bloor Street, West.

WILLIAM WARNER JONES, B.A., M.B., F.R.C.S., ENG.,
Associate in Clinical Surgery,
Junior Assistant Surgeon, in charge of Genito-Urinary Clinic, Toronto General Hospital, 41 Avenue Road.

FRANCIS BOTELER KENRICK, M.A., PH.D., LEIPZIG,
Associate Professor of Chemistry, 77 Lonsdale Avenue.

JAMES ALEXANDER KINNEAR, M.D., C.M.,
Associate in Obstetrics,
Assistant Obstetrician, Toronto General Hospital,
177 Carlton Street.

WILLIAM ROBERT LANG, D.Sc., F.I.C.,
Professor of Chemistry and Director of the Chemical Laboratory,
637 Huron Street.

JOHN BERESFORD LEATHES, B.A., M.B., B.CH., OXON., F.R.C.S., ENG., F.R.S.
Professor of Chemical Pathology,

ARCHIBALD BYRON MACALLUM, M.A., M.B., PH.D., Sc.D., LL.D., F.R.S.
Professor of Biochemistry, 98 Albany Avenue.

ARCHIBALD BRUCE MACALLUM, B.A., M.D.,
Lecturer in Biochemistry, 98 Albany Avenue.

JAMES METCALFE MACCALLUM, B.A., M.D.,
Professor of Ophthalmology,
Chief of Service in Ophthalmology, Toronto General Hospital,
Ophthalmologist, Hospital for Sick Children,
13 Bloor Street, West.

ALBERT ANGUS MACDONALD, M.B., L.R.C.P. & S., EDIN.,
Associate Professor of Obstetrics,
Chief of Service in Gynaecology and Obstetrics, Western Hospital,
12 Bedford Road.

HENRY THOMAS MACHELL, M.D.,
Associate Professor of Obstetrics and Paediatrics,
Consulting Physician, Hospital for Sick Children,
216 St. Clair Avenue, West

JOHN JOSEPH MACKENZIE, B.A., M.B.,
Professor of Pathology and Bacteriology and Curator of the Pathological Museum and Laboratories,
Pathologist, Toronto General Hospital. 43 Chestnut Park Road.

WILLIAM JOHN OGILVIE MALLOCH, B.A., M.B., F.R.C.S., ENG.,
Associate in Clinical Surgery,
Assistant Surgeon, Toronto General Hospital, 9 College Street.

FREDERICK WILLIAM MARLOW, M.D., C.M., F.R.C.S., ENG.,
Associate Professor of Gynaecology,
Assistant Gynaecologist, Toronto General Hospital,
417 Bloor Street, West.

WILLIAM JAMES MCCOLLUM, M.B.,
Associate in Medicine and Clinical Medicine,
Assistant Physician, St. Michael's Hospital, 94 Shuter Street.

DONALD MCGILLIVRAY, M.B.,
Associate in Clinical Medicine,
Physician, Hospital for Sick Children,
Cor. Elgin Avenue and Avenue Road.

KENNEDY CRAWFORD MCILWRAITH, M.B.,
Associate Professor of Obstetrics,
Assistant Obstetrician, Toronto General Hospital,
30 Prince Arthur Avenue.

PATRICK WALTER HUGHES MCKEOWN, B.A., M.B.,
Associate Professor of Clinical Surgery,
Surgeon, Chief of Service, St. Michael's Hospital,
7 College Street.

JOHN CUNNINGHAM MCLENNAN, B.A., PH.D., F.R.S.,
Professor of Physics and Director of the Physical Laboratory,
88 Prince Arthur Avenue.

JAMES PLAYFAIR MCMURRICH, M.A., PH.D., LL.D.,
Professor of Anatomy and Director of the Anatomical Department,
75 Forest Hill Road.

ALEXANDER MCPHEDRAN, M.B.,
Professor of Medicine and Clinical Medicine,
Physician, Chief of Service, Toronto General Hospital,
151 Bloor Street, West.

WILLIAM LASH MILLER, B.A., PH.D.,
Professor of Physical Chemistry, 50 St. Albans Street.

HAROLD CAMPBELL PARSONS, B.A., M.D., C.M., M.R.C.P., LOND.,
Associate in Clinical Medicine,
Junior Assistant Physician in Charge of Tuberculosis Clinic, Toronto General Hospital and Hospital for Sick Children,
72 Bloor Street, West.

WILLIAM HUNTER PIERSOL, B.A., M.B.,
Associate Professor of Histology and Embryology,
26 Albany Avenue.

NEWTON ALBERT POWELL, M.D., C.M., M.D., BELLEVUE, N.Y.,
Professor of Medical Jurisprudence and Associate Professor of Clinical Surgery.
Assistant Surgeon in charge of Emergency Department, Toronto General Hospital,
167 College Street.

ALEXANDER PRIMROSE, M.B., C.M., EDIN.,
Associate Professor of Clinical Surgery,
Surgeon, Chief of Service, Toronto General Hospital,
Consulting Surgeon, Hospital for Sick Children,
100 College Street.

THOMAS BEDFORD RICHARDSON, M.D., C.M., F.R.C.S., EDIN.,
Associate in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
128 Bloor Street, West.

ROBERT DAWSON RUDOLF, M.D., C.M., F.R.C.P., LOND.,
Professor of Therapeutics,
Assistant Physician, Toronto General Hospital,
302 Bloor Street, West.

EDWARD STANLEY RYERSON, M.D., C.M.,
Associate in Clinical Surgery,
Assistant Surgeon, Toronto General Hospital,
143 College Street.

GEORGE STERLING RYERSON, M.D., C.M.,
Professor of Ophthalmology and Otology,
Consultant in Ophthalmology and Otology, Toronto General Hospital
66 College Street.

WALLACE ARTHUR SCOTT, B.A., M.B.,F.R.C.S. ENG.,
Associate in Clinical Surgery,
Assistant Surgeon, St. Michael's Hospital,
627 Sherbourne Street

CHARLES BUCKINGHAM SHUTTLEWORTH, M.D., C.M , F.R.C.S., ENG.,
Associate in Surgery and Clinical Surgery,
Assistant Surgeon, Toronto General Hospital, 478 Huron Street

GIDEON SILVERTHORN, M.B.,
Associate in Clinical Surgery,
Assistant Surgeon, St. Michael's Hospital, 266 College Street

CLARENCE LESLIE STARR, M.B.,
Associate Professor of Clinical Surgery in charge of Orthopaedics
Surgeon, Chief of Service, Hospital for Sick Children,
224 Bloor Street, West

FREDERIC NEWTON GISBORNE STARR, M.B.,
Associate Professor of Clinical Surgery,
Assistant Surgeon, Toronto General Hospital,
Consulting Surgeon, Hospital for Sick Children,
112 College Street

WILLIAM BROWN THISTLE, M.D.,
Associate Professor of Clinical Medicine,
Assistant Physician, Toronto General Hospital, 171 College Street.

JOHN FRANKLIN UREN, M.D., C.M.,
Associate in Surgery and Clinical Surgery,
Assistant Surgeon, St. Michael's Hospital, 520 Church Street

DAVID JAMES GIBB WISHART, B.A., M.D., C.M., McGILL,
Professor of Oto-Laryngology,
Chief of Service in Otology, Laryngology and Rhinology, Toronto General Hospital,
47 Grosvenor Street.

EDMUND MURTON WALKER, B.A., M.B.,
Assistant Professor of Zoology, 67 Alcina Avenue.

BENJAMIN PHILP WATSON, M.D., CH.B., EDIN., F.R.C.S., EDIN.,
Professor of Obstetrics and Gynaecology,
Obstetrician, Chief of Service, Toronto General Hospital,
Gynaecologist, Chief of Service, Toronto General Hospital,
14 Madison Avenue.

JAMES CRAWFORD WATT, B.A., M.B.,
Lecturer in Anatomy, 20 Hawthorne Avenue.

Sessional Appointments.

ROBERT GARDNER ARMOUR, B.A., M.B.,
Senior Research Fellow in Medicine, 98 St. George Street.

WILLIAM HAROLD TREVORROW BAILLIE, B.A.,
Assistant in Biology, 241 Blythwood Road

HAROLD DEWITT BALL, M.B.,
Assistant in Biology, 178 Sherbourne Street.

WILLIAM WRAY BARRACLOUGH, B.A.,
Fellow in Physiology, 43 Murray Street.

GORDON ANDERSON BATES, M.B.,
Assistant in Clinical Medicine, 15 Barton Avenue.

HENRY KENDALL BATES, M.B.,
Demonstrator in Anatomy, 15 Barton Avenue.

DAVID HARVEY BODDINGTON, M.B.,
Assistant in Clinical Laboratory, St. Michael's Hospital,
81 Willcocks Street.

GEORGE FLORIAN BOYER, M.D.,
Assistant in Clinical Medicine,
Anaesthetist, Hospital for Sick Children, Assistant Physician, Hospital for Sick Children and Toronto General Hospital,
825 Bathurst Street.

GEORGE HOWARD BROTHER, B.Sc., M.A.,
Assistant in Chemistry, 47 Howland Avenue.

ALAN GOWANS BROWN, M.B.,
Demonstrator in Clinical Medicine,
Assistant Physician, Hospital for Sick Children, 440 Avenue Road.

EDWARD CECIL BURSON, M.B.,
Demonstrator in Clinical Medicine,
Junior Assistant Physician, Toronto General Hospital,
110 St. Clair Avenue, West.

MALCOLM HECTORSON VALENTINE CAMERON, M.B.,
Demonstrator in Clinical Surgery,
Junior Assistant Surgeon, St. Michael's Hospital,
379 Spadina Avenue.

COLIN ALEXANDER CAMPBELL, M.D., C.M., M.R.C.S., L.R.C.P.,
Demonstrator in Ophthalmology,
Assistant in Ophthalmology, Toronto General Hospital,
172 Bloor Street, East.

GEORGE ALEXANDER CAMPBELL, B.A., M.B.,
Assistant in Pathology,
Assistant Physician, Hospital for Sick Children, 459 Avenue Road.

ALLAN WOODBURN CANFIELD, M.D., C.M.,
Clinical Assistant in Paediatrics,
Physician, Hospital for Sick Children, 313 Brunswick Avenue.

ALFRED HANS CAULFEILD, M.B.,
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3 St. Thomas Street.

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Assistant Superintendent, Hospital for Insane,
999 Queen Street, West.

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Senior Assistant Physician, Toronto Western Hospital,
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662 Bathurst Street.

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Assistant in Obstetrics, 143 College Street.

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Junior Assistant Physician, St. Michael's Hospital,
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Assistant in Pathology,
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675 Bathurst Street.

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Junior Assistant in Ophthalmology, Toronto General Hospital,
122 Bloor Street, West.

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Junior Assistant Surgeon, Toronto General Hospital,
419 Bloor Street, West.

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Junior Assistant Obstetrician, Toronto General Hospital,
236 Sherbourne Street.

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Demonstrator in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
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RODGER JAMES MANNING, M.A., TOR., D.SC., BRISTOL,
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Assistant in Clinical Surgery,
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43 Murray Street.

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DUNCAN NEIL MACLENNAN, M.D., C.M., M.R.C.S., L.R.C.P.,
Demonstrator in Ophthalmology,
Junior in Ophthalmology, Toronto General Hospital, and Hospital for Sick Children, 126 Bloor Street, West.

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154 Carlton Street.

NORMAN TEMPEST MACLAURIN, M.B.,
Assistant in Clinical Laboratory, 717 Spadina Avenue.

ROBERT JOHNSON MACMILLAN, M.B.,
Assistant in Anaesthesia,
Assistant Anaesthetist, Toronto General Hospital,
74 Gerrard Street, East.

OSCAR ADDISON MCNICHOL, M.B.,
Demonstrator in Anatomy, 386 Parliament Street.

JOHN HARRIS MCPHEDRAN, M.D.,
Demonstrator in Anatomy and in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
13 Dupont Street.

WILLIAM FLETCHER MCPHEDRAN, B.A., M.B.,
Senior Research Fellow in Medicine, 151 Bloor Street, West.

HENRY ALLEN MCTAGGART, M.A., TOR., B.A., CANTAB.,
Demonstrator in Physics, 85 St. George Street.

CHARLES STANLEY MCVICAR, M.B.,
Demonstrator in Clinical Medicine,
Junior Assistant Physician, Toronto General Hospital,
300 Roncesvalles Avenue.

SAMUEL JOHN NEWTON MAGWOOD, M.B.,
Assistant Demonstrator in Obstetrics, 414 Dovercourt Road.

ALFRED DENBOW ARNOLD MASON, L.D.S., D.D.S.,
Demonstrator in Dental Surgery, 2 College Street.

BEVERLEY Z. MILNER, M.D., C.M.,
Demonstrator in Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
328 Bloor Street, West.

ANDREW SAMUEL MOORHEAD, B.A., M.B., F.R.C.S., ENG.,
Assistant in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
146 Bloor Street, West.

JOHN ALLEN OILLE, M.D.,
Assistant Demonstrator in Pathology,
Assistant in Clinical Medicine,
Junior Assistant Physician, Toronto General Hospital,
708 Spadina Avenue.

BREFNEY ROLPH O'REILLY, M.D., C.M.,
Demonstrator in Pathology and in Clinical Medicine,
Junior Assistant Physician, St. Michael's Hospital,
183 St. Clair Avenue, West.

FRANK STEWART PARK, B.A., M.B.,
Assistant in Clinical Medicine,
Assistant in Pathology, 461 Avenue Road.

ROBIN PEARSE, F.R.C.S., ENG., L.R.C.P., LOND.,
Assistant in Clinical Surgery,
Junior Assistant Surgeon, Toronto Western Hospital,
58 Avenue Road

ALFRED HARSHAW PERFECT, M.B., TOR., M.D., C.M., VIC.,
Assis ant in Clinical Surgery,
Surgeon, Toronto Western Hospital,
201 Annette Street.

GEORGE ROWE PHILP, M.B.,
Demonstrator in Anatomy, 605 Sherbourne Street.

JAMES ALEXANDER ROBERTS, M.B., L.R.C.P., F.R.C.S., ENG.,
Demonstrator in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
19 Bloor Street, West.

ALBERT DUNCAN ROBERTSON, B.A.,
Demonstrator in Biology, 81 Major Street.

DAVID EDWIN ROBERTSON, M.B.,
Demonstrator in Pathology and Assistant Curator of the Pathological Museum,
Assistant in Clinical Surgery,
Junior Assistant Surgeon, Hospital for Sick Children,
143 College Street.

LAWRENCE BRUCE ROBERTSON, B.A., M.B.,
Assistant in Pathology,
Junior Assistant Surgeon, Hospital for Sick Children,
82 College Street.

ALBERT HILL ROLPH, M.B.,
Demonstrator in Pathology and Bacteriology,
192 Bloor Street, West.

FREDERICK WHITNEY ROLPH, M.A., M.B.,
Demonstrator in Pathological Chemistry and Assistant in Clinical Laboratory, 693 Spadina Avenue.

GEORGE WILLIAM ROSS, B.A., M.D., M.R.C.P., LOND.,
Demonstrator in Clinical Medicine,
Assistant in Therapeutics,
Junior Assistant Physician in charge of Department of Therapeutic Inoculation, Toronto General Hospital, 627 Jarvis Street.

GILBERT ROYCE, B.A., M.B.,
Demonstrator in Oto-Laryngology,
Senior Assistant in Otology, Laryngology and Rhinology,
Toronto General Hospital and Hospital for Sick Children,
102 College Street.

JOHN SATTERLY, M.A., CANTAB., D.Sc., LOND.,
Demonstrator in Physics, 269 Davenport Road.

WALLACE ARTHUR SCOTT, B.A., M.B., F.R.C.S., ENG.,
Demonstrator in Anatomy,
Assistant Surgeon, St. Michael's Hospital,
627 Sherbourne Street.

WILLIAM ALBERT SCOTT, M.B.,
Assistant Demonstrator in Obstetrics and Gynaecology,
Demonstrator in Anatomy,
In charge of Out-patient Department in Obstetrics and Gynaecology, Toronto General Hospital, 82 College Street.

NOBLE CARMAN SHARPE, B.A., M.B.,
Junior Research Fellow in Medicine, 43 Murray Street.

NORMAN STRACHAN SHENSTONE, M.D.,
Demonstrator in Clinical Surgery,
Assistant Surgeon, Toronto General Hospital,
196 Bloor Street, West.

HARRY JAMES SHIELDS, B.A., M.B.,
Assistant in Pathology, 344 Jones Avenue.

CHARLES BUCKINGHAM SHUTTLEWORTH, M.D., C.M., F.R.C.S., ENG.,
Demonstrator in Anatomy,
Assistant Surgeon, Toronto General Hospital, 478 Huron Street.

LESLIE ORD CAMPBELL SKEELES, B.A., M.B.,
Assistant in Biology, 2166 Gerrard Street, E.

DAVID KING SMITH, M.B.,
Demonstrator in Clinical Medicine,
Junior Assistant Physician in charge of Dermatology, Toronto General Hospital, 22 Wellesley Street.

GEORGE STEWART STRATHY, M.D., C.M.,
Demonstrator in Clinical Medicine,
Junior Assistant Physician, Toronto General Hospital,
Assistant Physician, Hospital for Sick Children,
143 College Street.

NEWTON OSCAR THOMAS, B.A.,
Class Assistant in Biology, East House, University of Toronto

CLIFFORD LEROY TRELEAVAN, B.A.,
Assistant in Physics, 40 St. Albans Street.

CHARLES JAMES WAGNER, M.B.,
Demonstrator in Clinical Medicine, 19 Gerrard Street, East.

ROBERT WATSON WESLEY, M.B.,
Assistant in Gynaecology,
Junior Assistant in Gynaecology, Toronto Western Hospital,
550 Palmerston Avenue.

LEROY EGERTON WESTMAN, B.A.,
Assistant in Chemistry, 22 Classic Avenue.

MARCHANT BECKETT WHYTE, B.A., M.B.,
Assistant in Clinical Medicine (Infectious Diseases),
Superintendent, Isolation Hospital, Isolation Hospital.

GEORGE EWART WILSON, M.B., F.R.C.S., ENG.,
Demonstrator in Anatomy and in Clinical Surgery,
Junior Assistant Surgeon, St. Michael's Hospital,
205 Bloor Street, East.

OSWALD CHARLES JOSEPH WITHROW, M.B.,
Assistant in Biology, 646 Bathurst Street.

HAROLD WILLIAM WOOKEY, M.B.,
Assistant in Physiology, 118 Collier Street.

ARTHUR BALDWIN WRIGHT, M.B.,
Demonstrator in Clinical Surgery,
Junior Assistant Surgeon, Toronto General Hospital,
329 Church Street.

GEORGE SILLS YOUNG, B.A., M.B.,
Demonstrator in Clinical Medicine,
Physician, Toronto General Hospital 280 Roncesvalles Avenue.

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Chair of Physiology.

Professors.

A. B. Macallum, 1890-1904. T. G. Brodie, 1909-

Professor of Physiology and Physiological Chemistry.

A. B. Macallum, 1904-1909.

Chair of Biochemistry.

Professor.

A. B. Macallum, 1909-

Chair of Pharmacology and Therapeutics.

Professors.

James Thorburn, M.D., Edin., 1887-1892.
James M. MacCallum, 1892-1908.

Associate Professor.

C. F. Heebner, 1900-1903.

Associate Professor of Pharmacy and Pharmacology.

V. E. Henderson, 1909-

Chair of Therapeutics.

Professor.

R. D. Rudolf, 1908-

Chair of Ophthalmology, Otology, Laryngology and Rhinology

Professor.

R. A. Reeve, 1887-1903.

Chair of Ophthalmology and Otology.

Professors.

R. A. Reeve, 1903-1914 G. H. Burnham, 1903-
G. S. Ryerson, 1903- J. M. MacCallum, 1914-

Associate Professors.

G. H. Burnham, 1896-1903. J. M. MacCallum, 1909-1914
Chas. Trow, 1905-1911.

Chair of Oto-Laryngology.

Professors.

G. R. McDonagh, 1903-1914.
D. J. Gibb Wishart, 1914-

Associate Professors.

G. R. McDonagh, 1896-1903. D. J. Gibb Wishart, 1903-1914.
Geoffrey Boyd, 1913-

Chair of Hygiene and Sanitary Science.

Professors.

Wm. Oldright, 1887-1910. J. A. Amyot, 1910-

Associate Professor.

J. G. Fitzgerald, 1913-

Chair of Toxicology.

Professor.

W. H. Ellis, 1900-

Associate Professor.

W. H. Ellis, 1897-1900.

Chair of Medical Jurisprudence.

Professors.

W. W. Ogden, 1887-1892. N. A. Powell, 1903-
Bertram Spencer, 1900-1903.

Associate Professor.

Bertram Spencer, 1896-1900.

Chair of Medical Psychology.

Extra-mural Professors.

Daniel Clark, 1887-1903. J. C. Mitchell, 1903-1906.
N. H. Beemer, 1900-

Professor.

C. K. Clarke, 1906-

Associate Professor.

Ernest Jones, 1912-1913.

Chair of Physics.

Professors.

James Loudon, 1887-1907. J. C. McLennan. 1907-

Associate Professor.

J. C. McLennan, 1905-1907.
E. F. Burton, 1911-

Chair of Pathology.

Professor.

John Caven, 1892-1896.

Chair of Pathology and Bacteriology.

Professors.

John Caven, 1896-1900. J. J. Mackenzie, 1900-

Associate Professor.

J. A. Amyot, 1900-1910.

Professor of Clinical Pathology.

H. B. Anderson, 1903-1905.

Chair of Preventive Medicine.

Professor.

Charles Sheard, 1903-1911.

Chair of Pathological Chemistry.

Professors.

J. B. Leathes, 1909-1915.
Andrew Hunter, 1915-

INFORMATION FOR STUDENTS IN MEDICINE.

1. The twenty-ninth session since the re-establishment of the Faculty of Medicine of the University of Toronto will commence on Tuesday, the 28th of September, 1915.

2. The Degrees in Medicine are Bachelor of Medicine (M.B.), and Doctor of Medicine (M.D.).

BACHELOR OF MEDICINE.

3. Candidates for the degree of Bachelor of Medicine are required to matriculate and to attend during five sessions of at least eight months each the courses of instruction presented, and to pass five examinations taken in the following order: The First at the end of the first session; the Second at the end of the second session; the Third at the end of the third session; the Fourth at the end of the fourth session; and the Fifth at the end of the fifth session.

ENTRANCE.

4. Candidates for the degree must pass the Matriculation examinations unless (1) they possess a degree in Arts, not being an Honorary Degree, from any Dominion or British University; or (2) have already matriculated in the Faculty of Arts or in the Faculty of Law in this University.

5. Students are required to complete matriculation before being admitted to the course in Medicine.

6. No fee will be charged for transferring from the Faculty of Arts to that of Medicine.

REGISTRATION.

7. Students entering the University are required to submit the certificates, on which they claim standing, to the Registrar of the University before being permitted formal registration with the Secretary of the Faculty.

8. Registration for Clinical classes begins on September 28th and under no circumstances will any student be signed up before that date. Registration will not be accepted by letter, neither is one student permitted to sign for another, but each must register in person.

It should be understood that the programme and regulations regarding courses of study and examinations contained in this Calendar, hold good for this calendar year only, and that the Faculty of Medicine, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole five years of a student's course, to the conditions here laid down.

9. No student shall be allowed to register in the Faculty of Medicine after the fifteenth day of October of any year, and must be in actual attendance from the date of registration, and no student shall be admitted to any laboratory or clinical course after that date, except at the discretion of the instructor concerned. Any student desirous of repeating any year more than once must obtain the permission of the Faculty Council before being allowed to do so.

10. Regular attendance in all the courses of the year shall be required as well as a satisfactory repetition of the work of each course from any student who may be repeating his year.

11. Candidates who have been conditioned in one or more subjects at the Annual examinations and again fail in the subjects at the Supplemental examinations in the autumn, and who are thereby prevented from registering in the next succeeding year, shall be required to repeat the subject or subjects in which they have been conditioned before they can again present themselves for examination. In addition to the subject or subjects a student is required to repeat, he must also present certificates of having done satisfactory work in at least two subjects in addition to those he is required to take, either of the year in which he has been conditioned or in the succeeding year.

12. *A student who has attended the course of instruction in any year will be required to complete the examinations for that year before he will be permitted to register in the succeeding year.*

ATTENDANCE.

13. Candidates are required to attend lectures and receive practical instruction during each of the five years at this University.

14. The Senate may accept certificates of attendance at the lectures and practical instruction in the laboratories of affiliated and other recognised institutions.

15. A student who fails to do satisfactory term work in any subject is not permitted to present himself for examination, either theoretical or practical, until he is able to present satisfactory certificates of term work completed. A student who for any reason may be required to repeat his year, must repeat his attendance at all the courses of the year and must produce evidence of having satisfactorily repeated the work of each course.

16. In cases of students applying for temporary positions in hospitals or for *locum tenens* to physicians the permission of the Faculty Council must be obtained before they will be allowed to absent themselves from the lectures and laboratory work of the University.

FEES FOR INSTRUCTION.

Regular Students in Medicine.

17. All University fees are payable to the Bursar, at his office in the Main University Building, between the hours of ten and one o'clock, except on Saturday.

18. *Regular Students.* First, Second, Third, Fourth and Fifth Years—Annual Fee, including tuition, library, laboratory supply, hospital* and one annual examination:—

If paid in full on or before November 10th..... $150.00

By instalments:—

First instalment, if paid on or before November 10th..... $75.00
Second instalment, if paid on or before February 10th..... 78.00

19. *Combined Courses in Arts and Medicine.*

Annual Fee, including college registration, library, laboratory supply, and one annual examination:

	Arts Fees.	Medical Fees.	Total.
First Year Arts	$58.00		$58.00
Second Year Arts	58.00		58.00
Third Year Arts and First Year Medicine	59.00	$85.00	144.00
Fourth Year Arts and Second Year Medicine	62.00	85.00	147.00

The fees for the Third, Fourth and Fifth Years in the Faculty of Medicine are as for regular students.

Payment of the Medical portion of the fees:—

If paid on or before November 10th..... $85.00

By instalments:—

First instalment, if paid on or before November 10th..... 43.00
Second instalment, if paid on or before February 10th..... 44.00

20. *Repeating the Year.*

If paid in full on or before November 10th..... 50.00

21. The following fees for *Occasional and Post-Graduate Students* have been instituted:—

(1) That candidates for a higher degree in Medicine, or graduates conducting research work, be required to register and pay a fee of $5.00.

(2) That graduates or undergraduates wishing to repeat any undergraduate course in Medicine be charged $20.00 per course.

(3) Students in Dentistry taking a course in Anatomy will be required to pay a fee of $20.00.

(4) Students who are required to take the Summer Course of two months in one of the Clinical subjects, will be charged a fee of $20.00 per course; those taking three or more courses will be charged $50.00.

22. All of the above fees are payable in advance. After November 10th, a penalty of $1.00 per month will be imposed until the whole amount is paid. In the case of payment by instalments the same rule as to penalty will apply. A student will not be admitted to any of the University lectures or laboratories who is in arrears for his fees.

* The composite fee of $150 includes one session's clinical facilities at the Toronto General Hospital, St. Michael's Hospital, and the Hospital for Sick Children, but does not cover the midwifery ticket for the Burnside Lying-in Hospital, which must be obtained there.

23. *General Fees.*

Matriculation, or registration of Matriculation	$5.00
Supplemental examinations	10.00
Admission *ad eundem statum*	10.00
Degree of M.B.	20.00
Degree of M.D.	20.00
Admission *ad eundem gradum*	20.00

In the case of candidates for the Final Examinations, the fee for the degree must be paid to the Bursar not later than the 20th of March.

STUDENTS' COUNCIL FEE.

The Annual Fee $2.00

Every male student in attendance, proceeding to the Degree of Bachelor of Medicine, is required to pay to the Bursar at the time of the entry of his name with the Secretary, the annual fee of two dollars for the maintenance of the Council of the Undergraduates.

INSTRUCTION.

24. The course of instruction given by the Faculty of Medicine consists of five sessions of eight months each, preparing students for the degree of M.B. and for becoming general practitioners of Medicine.

25. The course is so framed that the requirements of the various Provincial Licensing bodies are fulfilled and it aims at giving the student such a training in the sciences as is now exacted of all those who desire to obtain any British Medical qualification in addition to a Canadian one.

26. During the early years an effort is made to give the student a scientific foundation for the work which he takes up in the latter part of his course. In each of the scientific departments, however, the fact that the student is about to become a general practitioner is particularly kept in view, and the student's work in the primary subjects is but a means towards an end.

27. In the First Year, instruction in the subjects of Chemistry (Organic and Inorganic), Physics, Biology, Mammalian Anatomy and Embryology is given by both laboratory and didactic methods. In Anatomy, the subdivisions of Osteology and Arthrology are taught. Histology is also begun in this year.

28. In the Second Year, the major part of the subjects of Anatomy, Physiology and Biochemistry is presented to the student; the subject of Histology is completed; and a course in Bacteriology is given.

29. During the Third Year an attempt is made to bridge the gap which so commonly exists between the primary scientific and the final clinical subjects, by taking up Anatomy and Physiology at the same time as Surgery and Medicine throughout the year. Preliminary courses in Pathology and Pathological Chemistry are given during the Easter term. Instruc-

tion is also given in Pharmacology. A series of ten lectures upon Psychology is delivered in this year. Particular attention is paid during this year to teaching the student the methods of physical examination of both Medical and Surgical cases.

30. In the Fourth Year, the student devotes all his morning and one afternoon a week to clinical work at the various Hospitals. He spends the remainder of his afternoons at didactic lectures and at laboratory work in Pathological Histology and Gross Pathology. The clinical instruction is so directed as to prepare the student to undertake the complete physical examination of any patient, the greater part of his time being occupied with Medical and Surgical cases. In this year the student is introduced to the subjects of Obstetrics, Gynaecology, and the specialties of the Eye, Ear, Nose and Throat. Several weeks are spent in the study of Paediatrics and Orthopaedic Surgery at the Hospital for Sick Children. Lectures are also delivered during the year in Special Pathology, Therapeutics, Surgical Anatomy, Medical Jurisprudence, Toxicology and Hygiene.

31. During the Fifth Year the student devotes one period of ten weeks to Clinical Medicine (including Pædiatrics and the study of Tuberculosis); one of ten weeks to Surgery (including Genito-Urinary Surgery) and Surgical Pathology; and one period of five weeks to Obstetrics and Gynæcology, and one of five weeks to Clinical Therapeutics, Ophthalmology, Oto-Laryngology, Dermatology, Infectious Diseases, Neurology and Psychiatry. Those students whose work and standing justify it, will be given special advanced courses of laboratory work in Pathology and Pathological Chemistry or some special instruction in one of the clinical departments. Clinical lectures in Medicine, Surgery and special subjects, Pathological Conferences, and short courses of lectures on Anaesthesia, Dentistry, Medical Ethics, History of Medicine, and Life Insurance are also given in the Fifth Year.

ELECTIVES.

Fifth Year.

32. Students whose work and standing in the opinion of the Heads of the Departments of Medicine, Surgery, Pathology, Pathological Chemistry and Obstetrics and Gynaecology justify it, will be permitted to devote three afternoons a week to special advanced courses of laboratory work (not research) arranged for them by the Departments of Pathology and Pathological Chemistry, and to the study of some special clinical subject, facilities for which can be offered by the Head of the clinical department concerned.

On these afternoons, those students who are not admitted to elective courses will go on with routine clinical work in Medicine and Surgery. Those students who are weak in any particular subject may be required to take special work in this subject at this time.

One such laboratory course of sixty hours and the study of one special clinical subject is required of all candidates for Honours in the subjects of Groups I, II, and III, and two such laboratory courses of sixty hours each of all candidates for Honours in Group IV.

The subjects specially recommended for Electives are:—

(1) Serum Diagnosis and Immunology.
(2) Experimental Pathology.
(3) Pathological Chemistry.
(4) Medicine.
(5) Surgery, including Anatomy.
(6) Obstetrics and Gynaecology.

Any student wishing to do Elective work in the above or any other subject or department, must file an application at the Secretary's office not later than September 15th.

SUMMER COURSES IN CLINICAL SUBJECTS.

33. For students only who have been conditioned in Clinical subjects, summer courses in the following subjects will be given during the two months immediately preceding the Supplemental Examinations in September:

Clinical Medicine,
" Surgery,
" Obstetrics,
" Gynaecology,
" Ophthalmology,
" Oto-laryngology,
" Psychiatry.

These Courses will be taught at the Toronto General Hospital, St. Michael's Hospital and the Hospital for Sick Children.

For information regarding fees for these Courses, see page 33.)

SCIENCE COURSES FOR STUDENTS IN MEDICINE.

34. The special attention of students about to enter the undergraduate course in Medicine is directed to the new Science curricula in arts, providing two Special Courses adapted particularly as preparatory to the instruction given in the final years in Medicine. These courses are:—(1) The Biological and Physical Sciences Course and (2) The Physiological and Bio-Chemical Course. A student who proceeds to the degree of B.A., by either of these courses, may, immediately after graduation, enter the Third Year in Medicine, but after completing the Fifth Year of the Medical Course, present himself for the degree of Bachelor of Medicine. It is thus possible for a student to obtain the degrees of Bachelor of Arts and Bachelor of Medicine after seven years' study at the University.

35. In the curricula of the two Arts Courses the Science subjects are treated much more extensively than they are in the Medical curriculum and in either course along one of two lines. In the Biological and Physical Sciences Course emphasis is laid on the structural and developmental features of animal life and on oecology and parasitology. In the Physiological and Biochemical Course special attention is given to the functional, chemical and other phenomena of living matter.

36. The Biological and Physical Sciences Course completes the requirements of the First two years in Medicine with the exception of Bacteriology of the Second Year. The course in Physiology and Biochemistry completes the requirements of the curriculum of the first three years in Medicine as to Primary subjects, with the exception of Bacteriology of the Second Year.

37. These courses not only afford opportunities for a broader training and greater scientific attainment than is possible in the more limited five years' course in Medicine, but they fit the student for a much wider field of usefulness after graduation. The graduate who has taken one of the Science Courses in Arts and subsequently the Course in Medicine is qualified to devote his life to one of the purely scientific lines of Medicine, if he should so elect, after leaving the University, and, moreover, he is, undoubtedly, better fitted to practise his profession should he desire to prepare himself for that alone.

38. Students who proceed to the Arts degree through other Science Courses may, on entering the Faculty of Medicine, be allowed exemption from such subjects in Medicine as they have taken in the curricula of the Faculty of Arts.

SUMMER POST-GRADUATE COURSE.

39. The Faculty of Medicine of the University of Toronto begs to announce that a Summer Post-Graduate Course will be given during the coming summer, beginning on Monday, May 31st, and continuing for a period of three weeks until Saturday, June 19th.

All clinics will be given at the Toronto General Hospital unless otherwise stated.

The Post-Graduate Course is open to graduates in Medicine in good standing.

Intending candidates should first register by letter or in person with the Secretary of the Faculty of Medicine by May 25th.

The fee for the Course, including registration, is $30.00, payable in advance at the office of the Bursar of the University of Toronto. Receipts for fees paid and registration cards must in all cases be shown to the Hospital Superintendent, on the occasion of the first demonstration at the hospital. The daily out-patient clinics in the various departments, and surgical operations, are open to those attending the course.

Special advanced work in any department may be arranged for through the Secretary, if a sufficient number apply.

Special short courses will be arranged in Pathology, Surgical Anatomy and Clinical Laboratory Methods, and a special fee of $10.00 will be charged for each course.

EXAMINATIONS.

40. The annual examinations are styled the First, Second, Third, Fourth and Fifth examinations, and are to be passed at the end of the First, Second Third, Fourth and Fifth academic years respectively.

41. The Annual examinations are held in May, and the Supplemental examinations in September. Candidates who have been conditioned in one or more subjects at the annual examinations and again fail in the subjects at the Supplemental examinations in the autumn, shall be required to repeat the subject or subjects in which they have been conditioned before they can again present themselves for examination. In addition to the subject or subjects a student is required to repeat, he must also present certificates of having done satisfactory work in at least two subjects in addition to those he is required to take, either of the year in which he has been conditioned or in the succeeding year.

42. A minimum of fifty per cent. in each subject is required to pass, and seventy-five per cent. for honours. Candidates at the First and Second examinations who have passed in the majority of the subjects required, and candidates of the Third, Fourth and Fifth Years who have passed in all but three subjects, may present themselves at the Supplemental examinations next ensuing, in the subjects in which they failed (provided they have complied with the regulations respecting clinical work) and on passing at such examinations, shall be allowed their year.

43. A candidate who has failed to pass in the required number of the subjects at one annual examination, and has either not presented himself or has failed to pass in all subjects in the next ensuing supplemental examination, must repeat his attendance at all courses of the year and must produce evidence of having satisfactorily repeated the work of each course, before he will be allowed to again present himself for examination.

44. A candidate failing in Medicine, Surgery or other Clinical subjects shall be required to take a course of instruction of two months in the subject or subjects in which he has failed, at the Summer Courses provided by the Faculty of Medicine for this purpose, before being again admitted to examination.

45. Undergraduates below the standing of the Fifth Year, who have been rejected or who have been prevented from attending the annual examinations, by sickness, domestic affliction, or other causes beyond their control, may present themselves for examinations at the Supplemental examinations in September.

46. Candidates who failed to attend at the annual examinations must prove to the satisfaction of the President before presenting themselves in September, the existence and sufficiency of the alleged cause of absence.

47. Undergraduates of the Fifth Year who have failed in not more than three subjects may present themselves for examination in the said subjects at the Supplemental examinations in September.

48. In the case of Graduates or Undergraduates in Natural Sciences or Biology, certificates of attendance on the second course of Practical Anatomy and on the second course of fifty lectures on Anatomy may be presented with the certificates of attendance on the lectures of the Third Year.

49. No application from a student for aegrotat standing shall be entertained unless he has gained 50% of the laboratory or term marks in all departments of his course, or has been granted exemption from the same. Except under unusual conditions a special examination of the candidate shall be held. Such examination, if possible, must be held previous to the final meeting of the Board of Examiners.

ADMISSION TO EXAMINATIONS.

50. A candidate will not be admitted to an examination unless he has paid all the fees due from him.

51. A candidate who sends his application for examination after the day appointed for the receipt of such application must pay an additional fee of one dollar.

52. No candidate in a course involving practical work in a laboratory will be admitted to examination if the Professor under whom his work is carried on reports in writing to the Secretary that he has not done satisfactory laboratory or clinical work or has signally failed in the practical examinations. No candidate in the First Year shall be permitted to present himself at the annual examinations until a report that he has obtained satisfactory standing in his laboratory work and in term examinations is presented to the Secretary's Office by the Heads of the Departments of Biology, Chemistry and Physics.

53. Every undergraduate who proposes to present himself at an examination must send to the Secretary a statement (according to a printed form which will be furnished) of the course he is taking, whether he intends to compete for Honours, and such other particulars as the printed form may indicate, together with the original certificates referred to in this statement. At the Fifth examination, the candidate is required to submit the following certificates:—

(1) Of having conducted at least six labours.
(2) Of proficiency in vaccination.
(3) Of having attended fifteen autopsies.

Students of the Fifth Year shall only be eligible to take off their required number of Obstetrical cases in the hospitals during the time that they are attending Obstetrical clinics.

54. The work in the laboratories and in the wards of the hospitals during the session is an essential part of the instruction and will be considered in determining standing at any examination.

55. Before admission to examination the candidate is required to submit evidence of having complied with the regulations respecting attendance upon didactic, laboratory, and clinical work in each of the subjects of instruction for the year in which he seeks examination. A certificate is issued by the University, and must be signed by the head or heads of each department of instruction.

EQUIVALENT HONOUR COURSES AND EXAMINATIONS.

56. The following Honour courses of instruction and examination in the Faculty of Arts are accepted in the place of courses of instruction and examinations in the Faculty of Medicine, subject to possible amendment during the present session, according to the subjoined scheme.

Faculty of Arts.		Faculty of Medicine.
1. First Year *Biology,	equivalent to	First Year Biology.
2. First Year General Course *Physics,	equivalent to	First Year Physics.
3. First and Second Years Physics of the courses in Mathematics and Physics and in Natural & Physical Sciences,	equivalent to	First Year Physics.
4. Mammalian Anatomy of Second Year Biological and Physical Sciences and Third Year Biology	equivalent to	First Year Mammalian Anatomy.
5. Histology and Cytology of courses in Third Year Biological and Physical Sciences,	equivalent to	Histology of First and Second Years.
6. Embryology of Third and Fourth Years of courses in Biological and Physical Sciences and Biology	equivalent to	Embryology of First Year.
7. Physiology and Biochemistry of Third and Fourth Years of course in Biological and Physical Sciences,	equivalent to	Physiology and Biochemistry of Second Year.
8. Chemistry of First and Second Years of courses in Biological and Physical Sciences,	equivalent to	Chemistry of First Year

* (Provided 50% has been obtained in the examination.)

9. Anatomy of Third and Fourth Years of course in Biological and Physical Sciences,	equivalent to	Anatomy of First and Second Years.
10. Anatomy of the Second and Third Years of the Physiological and Biochemical Course,	equivalent to	Anatomy of First and Second Years.
11. Physiology and Biochemistry of the Third Year in the Physiological and Biochemical Course,	equivalent to	Physiology and Biochemistry of Second Year.
12. Physiology and Biochemistry of the Third and Fourth Years of the Physiological and Biochemical courses, including Physiological Neurology,	equivalent to	Physiology and Biochemistry of the Second and Third Years.
13. First and Second Class Honours in the Physiological and Biochemical course,	equivalent to	Honours in Physiology and Biochemistry.

No applications or petitions for exemptions from classes, laboratory work or examinations will be received or considered unless filed at the Secretary's office on or before October 15th of any year.

EQUIVALENT EXAMINATIONS.

57. Courses of lectures and examination in the Faculty of Arts are accepted in the place of courses of lectures and examinations in the Faculty of Medicine, according to the following scheme:—

Faculty of Arts.		Faculty of Medicine.
1. The instruction and examinations of the Third Year in the Physiological and Biochemical course,	equivalent to	The course and examinations in the Second Year except in Bacteriology.

2. The instruction and examinations in the Fourth Year of the Physiological and Biochemical course,	equivalent to	The course and examinations of the Primary Subjects in Medicine except in Bacteriology.
3. The instruction and examinations in Physiology and Biochemistry of the Third and Fourth Years in the Biological and Physical Sciences,	equivalent to	The course and examinations in Physiology and Biochemistry of the Second Year.
4. The instruction and examinations of the Fourth Year of the course in Biological and Physical Sciences,	equivalent to	The course and examinations in the Second Year, except Bacteriology.

58. Candidates who desire to compete for scholarships and medals are required to submit to the annual examination in all the subjects of each examination, though otherwise entitled to partial exemption according to the preceding scheme; and candidates not competing for scholarships or medals, who are entitled to exemption according to the preceding scheme, will rank in Honours in these subjects.

SUBJECTS OF THE DIFFERENT EXAMINATIONS.

59. First Examination.

1. Biology.
2. Chemistry.
3. Physics.

Note.—The standing of the students in the subjects of Mammalian Anatomy, Embryology, Histology and Anatomy shall be determined by the term marks.

60. SECOND EXAMINATION.

1. Anatomy.
2. Physiology.
3. Biochemistry.
4. Histology.
5. Bacteriology.

61. THIRD EXAMINATION.

1. Anatomy.
2. Physiology.
3. Pharmacology.
4. Pathology and Pathological Chemistry.

If the term work and examination in Medicine and Surgery are not satisfactory, students of the Third Year will be required to attend the two months' Summer Course in Clinical work and pass a satisfactory examination at the end of that time.

NOTE.—The oral examination in General Anatomy will be held at the end of the Michaelmas term.

62. FOURTH EXAMINATION.

1. Clinical Medicine including Clinical Laboratory work.
2. Clinical Surgery and Topographical Anatomy.
3. Pathology and Pathological Chemistry.
4. Obstetrics and Gynaecology.
5. Hygiene and Preventive Medicine.
6. Medical Jurisprudence and Toxicology.
7. Therapeutics.

63. FIFTH EXAMINATION.

1. Medicine, including Paediatrics and Clinical Medicine.
2. Surgery and Clinical Surgery.
3. Pathology and Pathological Chemistry.
4. Obstetrics and Gynaecology.
5. Clinical Ophthalmology.
6. Clinical Oto-Laryngology.

The final standing of students in Ophthalmology, Oto-Laryngology, and Gynaecology shall be determined by an examination at the end of the trimester in which the students have received their instruction in these subjects, but a student may postpone his examination until the end of the session.

EXAMINATIONS FOR HONOURS.

64. Honour standing will be granted, under conditions defined below, in

(1) Biochemistry of the Second Year, Anatomy, Physiology and Pharmacology at the end of the Third Year, and in the following groups of subjects at the end of the final year:

Group 1. Medicine,
Pathology,
Pathological Chemistry

Group 2. Surgery,
Pathology.

Group 3. Obstetrics and Gynaecology,
Pathology.

Group 4. Pathology,
Pathological Chemistry,
Clinical Medicine.

Only those students who obtained Honours in the Third Year in Physiology and Biochemistry or graduates in Arts in the Physiological and Biochemical Course who obtained first or second class Honours may compete for Honours in Group 4.

(2) Honour papers shall be set or Honour examinations held in addition to, and of a more difficult character than, those given to pass students.

(3) No student shall be allowed to compete for Honours in the Fifth Year in more than one of the above groups of subjects.

(4) Students must select the group in which they wish to compete for Honours and apply through the Secretary for admission to the necessary Elective Courses not later than the 15th of September, immediately preceding the commencement of their Fifth Year. Their applications will be considered by a Committee composed of the Heads of the Departments of Medicine, Surgery, Obstetrics, Pathology and Pathological Chemistry, and on registration they will be notified of the results.

(5) Honours shall be of one class only. To obtain Honours in a subject in the Third Year or in a group of subjects in the Fifth Year a candidate must obtain 75% of the marks in both the Honour and Pass Examinations and term work in the final year for that subject or for each of the subjects of that group. He will also be required to pass at the same time in all the other subjects of the year.

(6) Candidates for Honours in Groups 1, 2 or 3 must take in the Fifth Year one Special Elective Course in Pathology or Pathological Chemistry and one Special Course of clinical instruction. (See Electives, page 35)

(7) Candidates for Honours in Group 4 must take two Special Elective Courses in Pathology or Pathological Chemistry.

(8) In the graduating list the names of those students who have obtained Honours will appear, with a statement indicating the subjects or group of subjects in which those Honours were obtained.

SPECIAL PROFICIENCY IN PASS EXAMINATIONS.

65. In the results of the pass examinations of each year a list of those students who obtain an average of 75% in all subjects of the year and not less than 60% in any subject shall be published as having shown Special Proficiency.

The names of those students who have shown such Special Proficiency in all the five years of the course shall in the graduating list be marked so as to indicate the fact that they have graduated with Special Proficiency.

ADMISSION AD EUNDEM STATUM.

66. Undergraduates of other universities applying for admission *ad eundem statum* must present certificates of having passed the examinations in the various subjects of this curriculum preliminary to the examination for which they desire to present themselves.

Application for Equivalent Standing.

67. Any student of another university who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is requested to send his application to the Secretary of the Medical Faculty together with:—

1st. A statement of preliminary education with certificates.

2nd. A Calendar of the university in which he has studied, giving a full statement of the courses of study.

3rd. A complete statement of the course he has followed.

4th. A certificate of the standing gained, and of conduct. These will be submitted to the Faculty, who will decide what examinations may be necessary before admitting the candidate.

DOCTOR OF MEDICINE.

68. A Bachelor of Medicine will be eligible for the Degree of M.D. on the following conditions:

(1) At least one year must elapse between the date of conferring the degree of M.B. and that of conferring the degree of M.D.

(2) He must present an approved thesis embodying the results of an original research conducted by the candidates in any department of Medicine.

(3) The subject of the thesis must be submitted to the Registrar for the approval of the Board of Post-Graduate Studies at least five months before the degree is conferred

(4) The degree may be conferred at any regular meeting of the Senate

ADMISSION AD EUNDEM GRADUM.

69. A graduate of any of the universities in Great Britain or Ireland, if his degree be not an honorary one, may be admitted to the like degree in the University of Toronto. He must send in his certificate to the Registrar at least two weeks before the first meeting of the session of the Senate at which his application is to be brought forward.

MEDALS, SCHOLARSHIPS AND FELLOWSHIPS.

Medals.

70. The Faculty offers a gold medal and three silver medals annually for competition among those students of the Medical Faculty who are candidates for the degree of M.B. which will be awarded by the Senate on the recommendation of the examiners.

Undergraduate Scholarships.

71. The following scholarships are annually offered for competition amongst students who attend the Lectures of the University Medical Faculty:—

At First Examination.....one of $50
At First Examination.....one of $30
At Second Examination.....one of $50
At Second Examination.....one of $30

72. Every student taking a scholarship is required to sign a declaration that it is his intention to pursue his medical studies for three or four years, according to the year in which he has taken such scholarship, and to proceed to a degree in the University of Toronto, and that he is not an undergraduate or graduate in the Faculty of Medicine of any other university.

73. No scholarship will be awarded to any candidate who has not obtained honours in the examination for which it is conferred.

74. Each scholarship is tenable for one year only, but a scholar of one year is eligible for the scholarship of a succeeding year.

75. The scholarships or medals are not open to those who are at the same time undergraduates or graduates in Medicine of another university.

76. No undergraduate in the Honour course, who shall have degraded into a lower year, shall be permitted at any ensuing examination to compete for medals or scholarships, except by special permission of the Faculty to be granted only in case of illness or for other grave reasons.

The George Brown Memorial Scholarship in Medical Science.

77. Dr. A. H. F. Barbour, of Edinburgh, having placed one thousand pounds sterling at the disposal of the University of Toronto, for the purpose of founding a Scholarship in Medical Science in memory of the late Hon. George Brown, the following regulations have been adopted with regard thereto:

This scholarship shall be called the George Brown Memorial Scholarship in Medical Science and shall be awarded annually at the Convocation for conferring degrees in Medicine to the Bachelor of Medicine who shall have distinguished himself most in the subjects of Anatomy Biology, Physiology, Biochemistry, Pharmacology, Pathology and Pathological Chemistry.

The award shall be made by a committee composed of the Professors in these subjects who shall report as to the successful candidates, after having given due attention to the results of the annual examinations, and to the character of the work done by the candidates in the University laboratories.

The holder of the scholarship during the year of tenure is required to engage in original research in any one of the laboratories of the University on some subject bearing on the advancement of medical science—the laboratory providing the material for the investigation.

The scholarship is to be paid in two portions, two-thirds at the time of award and one-third six months later, on the holder giving satisfactory report (to whomsoever the University may appoint) of the work he has already done.

A report of the research, when completed, is to be given to the University.

The value of the scholarship is five hundred dollars ($500.00).

The Starr Medals.

78. The late Richard Noble Starr, M.D., devised certain property for the encouragement of post-graduate study in Anatomy, Physiology and Pathology, and in fulfilment of this object one gold and two silver medals called the "Starr Medals", are awarded annually to three candidates for the degree of M.D., who have shown by the theses which they have presented for that degree, that they have successfully pursued such study in any one of these subjects. The theses for which these medals are given must attain a standard approved of by the Board of Examiners, and the relative value of the theses will determine the rank of the candidates for the medals.

George Armstrong Peters' Scholarship.

79. The Scholarship will be awarded biennially to a graduate student of the University of Toronto on the recommendation of the Department of Surgery.

The first award was made in 1912 and the holder of the Scholarship will be required to undertake work in one of the Departments of the University which will have some special bearing on Surgery.

This Scholarship will be available for any graduate who wishes to do special research work in connection with the Department of Surgery or in co-related subjects.

A graduate wishing to obtain the Scholarship must apply to the Department of Surgery and present his credentials, and the award will be made on the recommendation of the Department.

Present holder of the Scholarship, W. E. Gallie, M.B.

The value of the Scholarship is two hundred dollars ($200).

A Prize.

80. A portion of the fund of the Reeve Post-Graduate Scholarship will be devoted to establishing a prize of $50.00, to be awarded annually for the best published report of work done in the laboratories by a research Fellow or junior member of the staff in any department in Medicine.

The award shall be made in September by a Committee composed of the Professors of Anatomy, Physiology, Biochemistry, Pharmacology, Pathology and Pathological Chemistry.

Chappell Prize.

81. Dr. Walter F. Chappell, of New York, a graduate in the Faculty of Medicine of the University of Toronto, has established a prize of Fifty Dollars ($50.00) per annum to be awarded in alternate years to the best student of the final year in Clinical Medicine or Clinical Surgery. In June, 1916, the prize will be awarded in Clinical Medicine. This prize is awarded on recommendation of the Head of the Department.

The James H. Richardson Research Fellowship in Anatomy.

82. This Fellowship of the annual value of Five hundred dollars ($500.00) has been established in memory of the late Dr. James H. Richardson, for many years Professor of Anatomy in the University of Toronto. It is open to graduates in Medicine of the University of Toronto and of such other Universities and Medical Schools as may be approved by the Nominating Committee and to students in the University of Toronto who shall have completed the third year of the course in Medicine.

The fellowship is awarded on the nomination of a Committee consisting of the Professor of Anatomy, the Professor of Biology and the Professor of Surgery in the University of Toronto, and the holder of it is obliged, during its tenure, to devote his entire time to investigation in Anatomy under the direction of the Professor of Anatomy in the University of Toronto. The fellowship is tenable for one year, but the holder of it is eligible for re-appointment for not more than two additional years, at the discretion of the University Senate upon the recommendation of the Nominating Committee.

Applications for nomination to the Fellowship should be handed to the Professor of Anatomy not later than the first day of May of each year.

Present holder of the Fellowship, H. C. McAlister.

Research Medicine.

83. During the early months of 1913, on request, a number of business men subscribed to a fund for the promotion of Clinical and Laboratory Research work in the Department of Medicine. The fund has already reached upwards of $75,000.00; it is payable in five annual instalments.

The first aim is to establish one or more Fellowships annually, for the recent graduates. Each Fellowship is tenable for three years, and will be of the value of $750 the first year. In the meantime, two or more Senior Research Fellows are to be appointed, whose duty it will be to aid the Fifth Year students in their work and stimulate them to higher aims.

There has also been appointed an Assistant in charge of special research work in Tuberculosis, etc.

It is also hoped to have a sufficient fund to defray expenses of any approved research work that may be offered.

Up to the present the following appointments have been made:

Research Fellows, Robert G. Armour, Alfred H. Caulfeild, Wm. Fletcher McPhedran, Noble C. Sharp, A. A. Fletcher, Miss Annie Homer.

RESIDENCE FOR MEN.

By the generosity of Mr. and Mrs. E. C. Whitney and other friends, the University can now offer to some hundred and fifty men the peculiar advantages of residential life and excellent accommodation within its own grounds. The Residence, opened in November, 1908, consists of three Houses situated on the north side of Hoskin Avenue, opening upon a quadrangle the fourth side of which is formed by Devonshire Place. They stand about two hundred yards to the north of University College and of the University Dining Hall and close to the University Gymnasium and Athletic Field. The buildings are known as the South, East and North Houses.

Each house contains twenty-four single rooms, one single suite, one double room and eleven suites, a suite comprising a study and two bedrooms. A large room in each building, with an open hearth and a library has been set aside as a common room. A lavatory with hot and cold shower baths is provided for every eight men. The buildings are heated by steam and lighted by electricity.

The University supplies the table, chairs, book-case, chiffonier, bed, mattress, pillows, linen and window shades for each room; it is prepared to furnish a drop-light for a nominal rental.

Each occupant is charged $2.50 room-rent per week, payable to the Bursar four weeks in advance. The charge for each single suite is $3.50 per week. These charges cover heat, light, house-service, house-laundry, and the use of the telephone. There is no separate dining hall connected with the Residence, but board may be obtained at the adjacent University Dining Hall for $3.25 per week.

Applications for rooms must be made in writing to the Secretary of the Residence Committee (address the Registrar's Office) and must be accompanied by a deposit of $5.00. This deposit will be returned if the application be not granted, but will be forfeited if a room be assigned to the applicant and not taken by him, unless notice of his refusal of the room be received by the Secretary in writing before September 8th. It will be returned in full at the end of the College year if the room key be given back and the room and furniture left in a satisfactory condition. The following principles govern the allotment of rooms: (i) In order to be assigned a room in the Residence, either before or during the session, a student must have obtained standing at the previous spring examination, with not more than *one* condition against him. (ii) The rooms in each House will be distributed between the various Faculties and Years. (iii) A limited number of rooms will be reserved for members of the incoming First Year until September 18th. (iv) Applications will be considered in order of priority.

The University lays down three general rules, designed to prevent hazing, the use of intoxicants and gambling. The students in each House shall elect a House Committee, which is entrusted by the University with the making and enforcing of any other needed rules and with the maintenance of order. A member of the Faculty resides in each House to act as friend and adviser to the men in residence.

CURRICULUM FOR THE DIPLOMA OF PUBLIC HEALTH.

1. The University provides a Diploma in Public Health (D.P.H.) on the conditions hereinafter detailed.

2. Candidates for the Diploma must be graduates in Medicine of this University or of some other University recognized for this purpose by the Senate.

3. The curriculum leading to the Diploma shall extend over one Winter Session of eight months and one Summer Session of three months.

4. The Winter Session shall be devoted to Laboratory work in

a. Sanitary Chemistry.
b. Bacteriology.
c. Parasitology.

and to courses in

d. Advanced General Hygiene.
e. Advanced General Pathology, including Theory of Immunity and Comparative Pathology.
f. Elements of Geology, Meteorology and Climatology, in their relation to Public Health.
g. Sanitary Engineering.
h. Sanitary Legislation and Vital Statistics.
i. Clinics on Contagious Diseases.
j. History of Preventive Medicine and Epidemiology.

5. The Summer Session shall be devoted to a course of practical work in Public Health under the supervision of the Provincial Board of Health, including the methods of dealing with infectious diseases, inspection of schools and other public buildings, factories and dairies, inspection of water supplies and sewage disposal plants and other forms of municipal sanitation.

6. At the conclusion of the Winter Session an examination will be held on the subjects of the curriculum in Public Health specified in paragraph 4, the passing of which shall be a necessary preliminary to entering upon the practical course indicated in paragraph 6.

7. Candidates who have passed the examination and who present from the Provincial Board of Health a certificate of efficiency in the subjects specified in paragraph 6, will be granted the Diploma of Public Health.

8. The fees for the Course shall be $150, payable in two instalments of $75 each at the beginning of the Winter Session and the Summer Session respectively. The fee for the Diploma shall be $20.

9. Up to and including 1907, graduates in Medicine who have acted as Medical Health Officers for a period of two years may present themselves for the examination referred to in paragraph 7 without preliminary attendance on the Courses of Instruction. For such candidates the fee for the Diploma shall be $100.

CURRICULUM IN DENTISTRY.

DEGREE OF DOCTOR OF DENTAL SURGERY.

Matriculation.

Candidates for the degree of Doctor of Dental Surgery must pass the Matriculation Examination hereinafter mentioned, unless:—

1. They possess a degree in Arts (not being an Honorary Degree), from some recognized University; or

2. Have already matriculated in the Faculty of Arts in this or some other University in Canada; or

3. Are Matriculants in the College of Physicians and Surgeons of Ontario; or

4. Have passed the Form III. or Form IV. Department Non-Professional examinations in which the Latin option has been taken, it being understood that the equivalent examinations under titles no longer in force will be accepted.

The regulations respecting the acceptance pro tanto of the certificates of other Provinces, as defined in the Curriculum for Junior Matriculation, are applicable to candidates in Dentistry.

5. Have passed an examination and received a certificate which is accepted by the General Medical Council of Great Britain for Registration as a student of Medicine or Dentistry.

Candidates not possessing any of the above-named qualifications will be required to pass the examination prescribed for matriculants in the Faculty of Arts in this University.

Candidates for the degree must matriculate before writing on any of the subjects prescribed for final examination.

Undergraduates.

1. Undergraduates (candidates for the final examination for the degree), matriculants in the Royal College of Dental Surgeons, an affiliated College of the University, and proceeding to graduation therefrom, must have complied with all the requirements prescribed from time to time, by the Board of Directors of the Royal College of Dental Surgeons of Ontario for admission to examination for a Certificate of License to practise Dentistry in Ontario, provided always that these requirements shall include attendance on at least four full courses of lectures, and laboratory and clinical instruction, embracing all the subjects of the curriculum, of not less than seven months each, except in the case of students who have already graduated in the Faculty of Arts (B.A. or M.A.), or the Faculty of Medicine (M.B. or M.D.), or the Faculty of Science (B.A.Sc. or B.Sc.), of a Canadian or other recognized University, who may complete the course in Dentistry in three years instead of four.

2. Persons holding the L.D.S. Certificate, granted by one of the Medical authorities of Great Britain, and persons holding the B.D.S. Degree of Melbourne University, Australia, will be admitted as undergraduates in the Department of Dentistry without further examination, and to the final examinations of the degree of D.D.S., on completing one full session at the School of Dentistry of the Royal College of Dental Surgeons of Ontario, and payment of the proper fees.

3. Undergraduates (candidates for examination for the degree), not coming under the provisions of either of the two preceding sections, must have been engaged in the study of Dentistry for four academic years, and have attended four full courses of lectures and laboratory and clinical instruction, embracing all the subjects of the Curriculum, of not less than seven months each, at a School of Dentistry recognized by this University, the last of which must have been at the School of Dentistry of the Royal College of Dental Surgeons of Ontario.

Examinations.

Candidates for the degree must pass two examinations, an intermediate and a final, an interval of not less than one year intervening between them. Until further provisions be made, a certificate of having passed the intermediate examination of the Royal College of Dental Surgeons of Ontario will be accepted by this University.

Candidates for the final examination, which will be held at a time fixed by the Committee on Examinations, must present to the Registrar satisfactory certificates, covering all the requirements relating to undergraduates as given above, and of having passed the intermediate examination.

The subjects for intermediate examinations shall be:

(*a*) Comparative Dental Anatomy.
(*b*) General and Dental Histology.
(*c*) Bacteriology.
(*d*) Anatomy.
(*e*) Physiology.
(*f*) Chemistry.
(*g*) Dental Technic.
(*h*) Theory of Operative Dentistry.
(*i*) Theory of Prosthetic Dentistry.
(*j*) Dental Materia Medica.

The subjects for final examination shall be:

(*a*) General Anatomy and Special Anatomy of the Head and Neck.
(*b*) Physiology.
(*c*) Surgery and General Pathology.
(*d*) Chemistry.
(*e*) Medicine, Physical Diagnosis, and Anaesthetics.
(*f*) Theory and Practice of Operative Dentistry, Dental Pathology.

(*g*) Theory and Practice of Prosthetic Dentistry.
(*h*) Science and Practice of Dentistry.
(*i*) Orthodontia.
(*k*) Dental Materia Medica and Therapeutics.
(*l*) The Jurisprudence, Ethics, and History of Dentistry.
(The above examinations will be written.)
(*m*) Practical Operative Dentistry.
(*n*) Practical Prosthetic Dentistry.

Candidates shall be examined in practical work from time to time, during the session of the Royal College of Dental Surgeons, on completion of the required work in the Infirmary and Laboratories of the College.

Annual examinations in April, and supplemental examinations in September, will be conducted under the joint auspices of the University and the Royal College of Dental Surgeons of Ontario.

Regular students of the Royal College of Dental Surgeons proceeding to the degree of D.D.S. may take the final examination in any subject at the close of the session in which it is completed in the College.

Candidates will be credited at the Annual and Supplemental Examinations for term work and term examination, conducted by the Professors in the several subjects, in the proportion of 30 to 70.

No candidate shall be considered as having passed on any paper unless he has obtained 50 per cent. of the marks allotted to the paper.

Equivalent Examinations.

Examinations in the Faculty of Arts in the Department of Natural Science, Division I., are accepted in lieu of examinations for the degree of Doctor of Dental Surgery, as follows:

(*a*) Physiology and Chemistry of the Second Year for the Physiology and Chemistry of the intermediate examinations.

(*b*) Histology of the Fourth Year for the General Histology and Bacteriology of the intermediate examinations.

(*c*) Chemistry of the Third Year and Physiology of the Fourth Year for Chemistry and Physiology of the final examination.

(*d*) On application to the Senate, similar credits may be given for similar examinations passed in the Faculty of Arts or the Faculty of Medicine of other Universities.

Fees.

The fee for examination for matriculation, in whole or in part, or for registration of any certificate accepted in lieu of examination, shall be five dollars.

The fee for final examination shall be ten dollars, which shall be paid before writing on any subject of the final examination.

The fee for supplemental examination in one or more of the final subjects shall be ten dollars.

The fee for the degree of D.D.S. shall be fifteen dollars, which shall be paid before writing on the examination of the final year.

No fee shall be charged for transference from any Faculty of the University to the Department of Dentistry.

The fee for admission ad eundem gradum shall be twenty dollars.

Concurrent Course in Medicine and Dentistry.

Students who are matriculants in the Faculty of Medicine and in the Department of Dentistry may take a concurrent course in Medicine and Dentistry, which will extend over seven years.

Students taking this course will pass the regular University examinations in the subjects of the Medical Curriculum from year to year as they are completed in the Medical Faculty and in the final Dental subjects of the curriculum in Dentistry, from year to year as they are completed in the Royal College of Dental Surgeons.

Students taking this concurrent course, who have fulfilled all the requirements for the degree of M.B., and who have successfully passed the examination in the Dental subjects of the curriculum in Dentistry, including Dental Materia Medica and Therapeutics, shall receive the degree of D.D.S.

The fee payable to the University shall be $50 per year for the first four years, and $150 per year for the last three years, and the several laboratory fees.

COURSES OF LECTURES.
METHODS OF INSTRUCTION, WINTER SESSION, 1915-1916.
CHEMISTRY.

Professor: W. R. LANG.
Professor of Physical Chemistry: W. LASH MILLER.
Associate Professor: F. B. KENRICK.
Associate Professor of Organic Chemistry: F. B. ALLAN.
Assistants: C. H. BROTHER, H. W. EHRHARDT, W. S. FUNNELL, P. J. MOLONY, L. E. WESTMAN, F. W. KNIGHT.

All lectures and practical work will be given in the Chemistry Building.

First Year.

Lectures.—Students attend a course of experimental lectures delivered four times a week in the large lecture theatre. This course embraces the study of the non-metallic and metallic elements and their principal compounds based on Mendelejeff's classification of the elements.

The latter part of the lecture course is devoted to Organic Chemistry. The principals of organic analyses and the basis on which the compounds of carbon are classified, are explained and the typical compounds and derivatives of the "fatty" series specially described. An elementary study of the "aromatic" series is also included in the course.

Tutorial Classes.—The class also meets one day a week for instruction in arithmetical and theoretical chemistry.

Practical Chemistry.—The laboratory work commences with quantitative and qualitative experiments illustrating the fundamental principles of chemistry; this is followed by work more intimately related to analytical chemistry. Instruction in quantitative methods of analysis is given, and some elementary organic work concludes the course.

Students working in the laboratory are provided with the necessary apparatus on making a deposit of three dollars at the commencement of the session, which will be returned at its close after the following charges have been deducted from it:—

(1) The cost of all apparatus broken or destroyed.

(2) Any fines for breach of laboratory rules.

No certificate will be given for the practical work unless the student has passed the practical examinations conducted during the session.

Text-books:—Remsen's College Chemistry; Newth's Inorganic Chemistry; General Chemistry for Colleges, Alex Smith; Cohen's Organic Chemistry; Organic Chemistry, Norris; Physical Chemistry for Physicians and Biologists, Cohen and Fischer; An Elementary Laboratory Course in Chemistry, Kenrick and DeLury; Outlines of Qualitative and Quantitative Analysis, Lang.

Books of Reference recommended:—Bloxam's Chemistry (Inorganic and Organic); Richter, Inorganic Chemistry; Bernthsen's Organic Chemistry.

PHYSICS.

Professor and Director of the Physical Laboratory: J. C. McLENNAN.
Associate Professor: E. F. BURTON.
Demonstrators: L. GILCHRIST, J. SATTERLY, H. A. McTAGGART.
Assistant Demonstrators: C. L. TRELEAVEN, E. EDWARDS, L. LEWIS, K. KINGDON.

The work of instruction in Physics consists of a series of lectures, and a course in practical work in the laboratories.

First Year.

Lectures.—The lectures on Physics will give a concise outline of the subject, and are intended to form a satisfactory foundation for future study in other branches of science.

The various parts will be treated in an experimental manner, and will be considered in the following order:—

1. MECHANICS:

General notions and terms, such as velocity, acceleration, mass, momentum, force, moments of force, energy; together with calculations to illustrate the laws.

2. HYDROSTATICS AND HYDRODYNAMICS:

Pressures and their transmission, specific gravity, pumps, general properties of liquids and gases at rest and in motion, viscosity, capillary phenomena.

3. SOUND.

General explanations of wave-motion, production, propagation and detection of sound waves, reflection, absorption and interference of sound waves, resonance, tuning forks, organ-pipes, vibrating strings and the musical scale, analysis of complex sounds, voice production.

4. HEAT.

Thermometers, thermal expansion, calorimetry, specific heat, latent heat, change of state, kinetic theory of gases, diffusion and thermal conduction.

. LIGHT.

Laws of reflection and refraction, mirrors, prisms, lenses, microscope and telescope, dispersion, colour, double-refraction and polarization.

. ELECTRICITY AND MAGNETISM.

Laws of magnetism; static electricity, condensers, electrical conduction in solids, liquids and gases, voltaic cell, chemical magnetic and heating effect of the electrical current, potential, Ohm's Law and its applications, laws of electrical resistance, electromotive forces, induction, the induction-coil, high frequency currents and electrical waves and radioactivity.

7. PROPERTIES OF MATTER.

Kinetic theory of matter, existence of molecules, ultramicroscope, Brownian movement, colloidal solutions and their application to body fluids, radioactivity and radiations.

Practical Work.—The Practical Work, consisting of a laboratory course of fifty hours, designed to illustrate the principledealt with in the lectures, will be conducted by a number of Demonstrators under the supervision of the Director of the Laboratory.

The lectures are given on two days per week during the year; one lecture each week bears directly on the practical work assigned to the student, while the other lecture each week is part of a course dealing more particularly with the principles of Physics of special use to students in Medicine and Dentistry.

Regulations.—Deposit Fee: Each student taking the laboratory course is required to make a deposit of two dollars ($2.00) before commencing work. All supplies, apparatus broken or destroyed and all fines will be charged against this deposit, which must be renewed when exhausted. At the close of the session cash balances will be returned on a day appointed for the purpose.

Text-book:—W. H. White, Hand-book of Physics.

BIOLOGY.

Professor of Zoology: B. A. BENSLEY.
Associate Professor of Histology and Embryology: W. H. PIERSOL.
Assistant Professor of Zoology: E. M. WALKER.
Lecturer in Biology: A. G. HUNTSMAN.
Lecturer in Vertebrate Embryology: A. F. COVENTRY.
Demonstrators: A. D. ROBERTSON, A. R. COOPER.
Class Assistants: W. H. T. BAILLIE, O. C. J. WITHROW, G. A. DAVIS, L. O. C. SKEELES, J. A. DICKSON, H. DEW. BALL, N. O. THOMAS.

First Year.

Lectures.—1. Students of the First Year will attend a course of lectures on general biology, to be given twice a week throughout the session. This course of lectures is designed as an introduction to the whole range of biological studies. After a sketch of the scope and objects of these, the lectures will treat (1) of the fundamental principles of biology, as illustrated by the simplest animals and plants, (2) of typical forms of higher plants, in ascending order, (3) of typical forms of animals in a similar order, and (4) special reference will be made to those aspects of Biology of interest to students of Medicine.

2. A course of twenty-five lectures given in connection with the practical work of Course 1.

3. A course of twenty-five lectures on embryology during the Easter Term will be chiefly devoted to the development of the external form, organs, and tissues of the human body, but the necessary comparative data for the proper understanding of these will be supplied by reference

to the embryology of the lower vertebrates. The student may consult the large collection of models of embryology in the Museum, which are now furnished with explanatory labels designed to supplement the instruction given in the lectures.

4. A course of fifteen lectures on the principles of General Histology.

Practical Work.—1. A course of fifty hours' duration is given on General Biology, in which various types are studied, and which serves as an introduction to the use of the microscope.

2. A course of seventy-five hours on Mammalian Anatomy as an introduction to Human Anatomy is given during the Michaelmas Term.

3. A course of fifty hours on General Histology.

4. A course of twenty-five hours in Embryology given from a selected series of specimens illustrative of the lectures on that subject—Course 3.

Second Year.

Lectures.—A course of ten lectures on the more intricate problems of Human Histology.

Practical Work.—A course of fifty hours in Special Human Histology. The student will have the opportunity of providing himself with a set of typical histological specimens.

Text-books:—Biology: Parker, Bailey-Coleman, McFarland.

Embryology: McMurrich, Manual of Embryology.

Mammalian Anatomy: Bensley, Practical Anatomy of the Rabbit.

Histology: Piersol, Normal Histology, 10th ed.; Bohm, v. Davidoff and Huber, Text-book of Histology, 2nd ed.; Bailey, Text-book of Histology, 3rd ed.

Reference Text-books:—Embryology: Bailey and Miller, 3rd ed., Keibel and Mall. Histology: Schäfer, Text-book of Microscopic Anatomy (Quain's Anatomy, 11th edition; vol. II, pt. 1); Sobotta, Atlas of Human Histology.

PHYSIOLOGY.

Professor of Physiology: T. G. BRODIE.
Assistant in Physiology:
Fellows: W. W. BARRACLOUGH, H. W. WOOKEY.

The following are the courses of instruction in this Department for Students of Medicine.

Second Year.

1. A course of lectures on Physiology; two a week.

2. An elementary laboratory course in Physiology; five hours a week.

Third Year.

3. A course of advanced lectures on Physiology; two a week.

4. A course of lecture-demonstrations on Neurology and the physiology of the Sense Organs; two a week.

5. An advanced laboratory course in Physiology.
6. A course of lectures on selected topics in Physiology.

Every student must attain a certain standard in the laboratory exercises before he will be allowed to proceed to the University examinations in Physiology and Biochemistry.

Throughout the Session oral and, as may be necessary, written examinations will be held to ascertain the extent of the student's knowledge of Physiology, and the results of these, as well as his general work in the laboratory will be used to determine his position in the University Class Lists.

In the laboratory courses the student will be required to make good all loss through breakage or otherwise.

Text-books:—Stewart, Text-book of Physiology; Halliburton, Handbook of Physiology (last English edition); Brodie's Essentials of Experimental Physiology; Starling, Human Physiology; Bainbridge and Menzies, Essentials of Physiology; Tigerstedt, Lehrbuch der Physiologie des Menschen; Pütter, Vergleichende Physiologie.

Works of Reference:—Schäfer, Text-book of Physiology, 2 vols.; Pavlov, The Work of the Digestive Glands, translated by W. H. Thompson; Marshall, The Physiology of Reproduction; Vincent, Internal Secretion and the Ductless Glands; Luciani, Human Physiology.

BIOCHEMISTRY.

Professor of Biochemistry: A. B. MACALLUM.
Lecturer in Biochemistry: A. BRUCE MACALLUM.
Tutorial Fellows: J. B. COLLIP, R. J. MANNING.

The following are the Courses of Instruction in this department for students of Medicine.

Second Year.

1. An elementary course of lectures in Biochemistry; two a week.
2. An elementary laboratory course in Biochemistry; six hours a week.

Third Year.

3. A course of advanced lectures on Biochemistry for Honour students; two a week.
4. An advanced laboratory course in Biochemistry for Honour students.
5. A course of lectures on selected topics in Biochemistry.

Every student must attain a certain standard in the laboratory exercises before he will be allowed to proceed to the University examinations in Physiology and Biochemistry.

Throughout the Session oral and, as may be necessary, written examinations will be held to ascertain the extent of the student's knowledge of Biochemistry and the results of these as well as his general work in the laboratory, will be used to determine his position in the University Class Lists.

In the laboratory courses the student will be required to make good all loss through breakage or otherwise.

Text-books: Plimmer, Practical Physiological Chemistry; Halliburton, Essentials of Chemical Physiology; Hawk, Practical Physiological Chemistry; Lusk, Science of Nutrition; Cole, Practical Physiological Chemistry; Ruttan and Harding, Laboratory Course in Chemistry for Medical Students.

Works of Reference:—Schäfer, Text-book of Physiology, 2 vols.; Chittenden, Physiological Economy in Nutrition; Pavlov, The Work of the Digestive Glands, translated by W. H. Thompson; Salkowski, Praktikum der Physiologischen und Pathologischen Chemie (3rd Edition).

ANATOMY.

Professor and Director of the Anatomical Department: J. PLAYFAIR MCMURRICH.

Associate Professor of Clinical Anatomy: G. A. BINGHAM.

Lecturer in Anatomy: J. C. WATT.

Demonstrators: C. B. SHUTTLEWORTH, E. R. HOOPER, W. A. SCOTT, C. J. COPP, W. W. JONES, N. D. FRAWLEY, G. E. WILSON, O. A. MCNICHOL, G. R. PHILP, R. E. GABY, J. H. MCPHEDRAN, WM. A. SCOTT, R. HOME, H. K. BATES.

First Year.

Lectures.—Throughout the First Year a course of lectures will be given beginning with a discussion of some of the fundamental principles of Human Anatomy and then proceeding to a consideration of the Anatomy of the Skeleton and the Articulations. Attention will be directed especially to the anatomical relationships and significance of the parts considered, their detailed description being taken up in the tutorial classes.

Practical Work.—During the Easter Term tutorial instruction will be given in Osteology, the class being divided into small sections for this purpose. In connection with these classes arrangements have been made whereby each student may obtain material for private study from the Osteological collection of the Department.

Second Year.

In the Second Year the work will be principally in the Laboratory, each student being obliged to dissect thoroughly the various regions of the body, following the plan outlined in a "Guide to the Dissection of the Human Body". Demonstrators will be in attendance each day for the purpose of superintending the work and of giving instruction, and will hold frequent examinations with the object of testing the student's progress. Certificates of credit in Practical Anatomy will be granted only to those students whose work has been completed to the satisfaction of the instructors in charge.

The Laboratory will be open from 9 a.m. until 5 p.m. every week-day throughout the session, with the exception of Saturdays when it will be closed at 12 noon.

In connection with the laboratory work lectures will be given by members of the staff, reviewing the work that has been completed. The object of this course will be to supplement the work in the Laboratory by calling attention to the relations and significance of the parts that have been studied and by elucidating with the aid of diagrams and models the anatomy of difficult and important structures.

Third Year.

Lectures.—During the Easter Term a course of lectures will be given on the Anatomy of the Central Nervous System.

Practical Work.—In connection with the above course of lectures the class will be divided into small sections, to each of which a Demonstrator will be assigned, for the purpose of a practical study of the anatomy of the Brain.

A course involving the study of series of sections through the human body will also be given, the student being enabled thereby to review the anatomy of the body completely and expeditiously, gaining at the same time more accurate ideas as to the relations of parts than are afforded by dissection.

Opportunity will be afforded, when necessary, for the dissection of parts that were uncompleted in the practical course of the Second Year, or of which a further study seems advisable.

Text-books:—Piersol; Morris; Cunningham's Text-book; Gray; McMurrich's Development of the Human Body, Guide to the Dissection of the Human Body, for the use of Students in the Anatomical Laboratory of the University of Toronto.

Reference Text-books:—Spalteholz, Hand-Atlas of Human Anatomy; Toldt's Atlas of Human Anatomy; Sobotta's Atlas and Text-book of Human Anatomy; Eycleshymer and Shoemaker, Cross-Section Anatomy; Quain's Anatomy; Barker's The Nervous System; Johnston, Nervous System of Vertebrates; Villiger, Brain and Spinal Cord; Von Bardeleben's Handbuch der Anatomie; Merkel, Topographische Anatomie; Davis, Applied Anatomy.

PHARMACY AND PHARMACOLOGY; MATERIA MEDICA.

Associate Professor: V. E. HENDERSON.
Fellow: J. E. MCCORVIE.
Instructor in Pharmacy: J. A. MACDONALD.
Class Assistants: F. C. HARRISON, J. H. DUNCAN, R. I. HARRIS,

Third Year.

Two courses of laboratory work accompanied by lectures and laboratory talks are given.

Practical Work.—Laboratory Course I. Experimental pharmacology. In this course the student obtains an opportunity to become familiar with representatives of the drug-stuffs composing the various pharmacological groups. The chief object of the course is to get the student into the habit of accurate observation of the effects produced by drugs and to be able to describe them in accurate pharmacological language. In consequence a great deal of attention is given to the note books kept by each student.

Laboratory Course II. Practical pharmacy. This course is very brief, consisting only of a few hours' work on the chemical and physical incompatibles and in dispensing several mixtures pills and ointments, in order that the student may obtain such insight into dispensing as is necessary to enable him to write prescriptions intelligently.

Total of these two courses, 90 hours.

Arrangements have also been made with the Toronto General Hospital and with the Hospital for Sick Children by which the students of this year will be draughted in turn to act as Assistants in the Hospital Dispensaries for a period of a week.

Lectures.—A course of lectures on general pharmacology (35 in all) This course is designed to supplement and extend the knowledge gained in the laboratory and from the prescribed text-book.

Prescription Writing.—Each student is expected to hand in answers to the problem in prescription-writing announced each week. These are corrected and returned, and opportunity is given for the discussion of any difficulties with the staff during laboratory hours. Informal talks are also given from time to time as needed.

Text-books:—Pharmacy and Materia Medica, Henderson; Pharmacology, Dixon: Meyer and Gottlieb, translated by Halsey.

Reference Text-books:—Pharmacology, Cushny, Sollmann; Prescription Writing:—Bennett, Medical and Pharmaceutical Latin; Eggleston, Prescription Writing.

MEDICINE.

Professor of Medicine and Clinical Medicine: Alexander McPhedran.

Associate Professor of Medicine and Clinical Medicine: J. T. Fotheringham.

Associate Professors of Clinical Medicine: Allen M. Baines, W. B. Thistle, A. R. Gordon, R. J. Dwyer, H. B. Anderson, Graham Chambers, William Goldie.

Associates in Clinical Medicine: H. C. Parsons, W. J. McCollum, J. H. Elliott, G. W. Howland, H. S. Hutchison, D. McGillivray.

Demonstrators in Clinical Medicine: E. C. Burson, F. A. Clarkson, B. O'Reilly, D. King Smith, C. J. Wagner, J. H. McPhedran, C. S. McVicar, G. S. Strathy, G. W. Ross, R. W. Mann, G. S. Young, A. J. Mackenzie, A. G. Brown.

Assistants in Clinical Medicine: J. A. Ollle, J. Loudon, G. F. Boyer, M. B. Whyte, G. Bates, F. S. Park.

Professor of Therapeutics: R. D. Rudolf.

Lectures.—In the Third Year a short course of lectures is given as an introduction to the Study of Medicine, dealing especially with the physiological aspects of disease.

In the Fourth Year a course of forty lectures is given in the amphitheatre of the Toronto General Hospital, dealing with the general pathology and treatment of disease and serving as a fuller introduction to clinical study. The lectures will be illustrated by plates, diagrams and morbid specimens; also by the presentation of patients when the nature of the subject under consideration makes it desirable.

Third Year.

In Clinical Medicine the instruction and work is carried on in the wards and in the Out-patient departments of the Toronto General, St. Michael's, and Western Hospitals, and in the University laboratories.

Medical Anatomy and Physical Diagnosis. Three forenoons in the week during the first half of the session are devoted to demonstrations in the surface anatomy of the body, in the methods of examination, and in the normal and abnormal physical signs with their significance. For this work the class is divided into small groups, each of which is in charge of an instructor.

In the second half of the session these exercises are continued and in addition, instruction is given in history taking, each student being required to take the history of patients and make the physical examinations, the work being supervised by one of the instructors.

In addition, courses of instruction are given in Pathological Chemistry and Clinical Microscopy and each student is required to do the clinical laboratory investigations relating to his own cases.

One clinic is held weekly in the hospital amphitheatre with the Fourth Year.

Text-books:—Medicine: Osler, Taylor.

Clinical Medicine: Sahli, Diagnostic Methods; Hutchison and Rainy, Clinical Methods.

Fourth Year.

The students of the Fourth Year serve as clinical clerks, devoting the greater part of their time available for Clinical Medicine to the Medical wards, taking the histories, examining patients, and carrying out the clinical laboratory investigation of their cases under the direction of the House Physicians and the Assistant Clinical Instructors.

During each trimester, each student of the Fourth Year shall be required to prepare at least five complete records of Medical cases (history, physical examination and laboratory work) which has been certified as satisfactory by the service in which the work is done.

In addition to this work and instruction, regular clinics are given to ward classes, at which the students present the report of the cases considered. Weekly clinics are held in the hospital amphitheatres at which selected cases are presented.

Clinical Laboratory. Each Clinical Clerk is required to carry out a full laboratory investigation in connection with each patient assigned to him.

Clinical and Pathological Conference. Each week a clinical and pathological conference will be held throughout the session. Abstracts of the histories of the fatal cases of the week, with diagnosis made before the autopsy, are read. The specimens are then demonstrated, followed by a discussion of the case.

Fifth Year.

In the Fifth Year the time will be devoted wholly to Clinical work in the wards and Out-patient departments of the hospitals and in the laboratories. Each student will be required to take charge of a number of patients, personally recording the results of his examination and laboratory work, and to attend and report on the autopsies of fatal cases.

Instruction will be given to classes in the wards and weekly in the hospital amphitheatre.

In the Out-patient department, besides the general clinic, there are special clinics in Diseases of the Skin, of the Nervous system and in Tuberculosis, all of which groups of students will attend in rotation.

Infectious Diseases will be demonstrated to groups of students at the large City Isolation Hospital, which affords ample facilities for such purposes.

Text-books:—

Medicine: Osler, Taylor.

Clinical Medicine: Sahli, Diagnostic Methods; Emerson, Clinical Diagnosis.

Reference Text-books:—

Medicine: Churchill and Peterson, Nervous System; Forchheimer's Therapeusis of Internal Diseases, 5 vols.; Osler, Modern Medicine, 7 vols.; Albutt and Rolleston System; Latham and English, System of Treatment, 4 vols.; Mackenzie, The Heart; Sutherland, Dietetics; Starr, Nervous Diseases; Purvis Stewart, Diagnosis of Nervous Diseases; Bury, Diseases of the Nervous System; Hertz, Constipation.

Clinical Methods and Diagnosis: Simon, Clinical Diagnosis, 5th edit.; Da Costa, Physical Diagnosis.

Dermatology: Stelwagon, Crocker, Hyde, Morris.

Instruments:—Students beginning clinical work are strongly advised to supply themselves with the following instruments: Microscope, with condenser and oil immersion lens; Haemoglobinometer, Dare; Haemocytometer, Zeis-Türck; Ophthalmoscope, Lorsch's; Laryngoscope; Stethoscope; Head Mirror; Thermometer; Tape Measure; Dermagraph. Special arrangements have been made for obtaining these instruments.

It is extremely desirable that each student should possess his own microscope, in order that the instrument which he uses during his laboratory work will be available for his use after graduation.

PAEDIATRICS.

Associate Professors of Paediatrics: A. M. BAINES, H. T. MACHELL.
Associate in Clinical Medicine: D. MCGILLIVRAY.
Demonstrator in Clinical Medicine: J. S. GRAHAM, A. G. BROWN.
Assistant in Clinical Medicine: A. W. CANFIELD.

Fourth Year.

Lectures.—This course comprises lectures to Fourth Year students on such subjects as diseases of the newly born, infant feeding, diseases of the digestive system, etc.

Clinical Work.—Daily clinics are held at the Hospital for Sick Children on Medical and Surgical cases by the Associate Professors and by other members of the Faculty who are on the staff of the Hospital for Sick Children.

Fifth Year.

The Fifth Year, in small groups, will attend the Out-patient Clinic daily at the Hospital for Sick Children.

Text-books:—Diseases of Children, L. E. Holt; Chapin and Pisek; Still, Disorders of Infancy and Childhood; Hutchinson, Diseases of Children.

Reference Text-books:—Medical Diagnosis and Treatment, Diseases of Children; Garrod, Battin and Thursfield, Diseases of Children.

THERAPEUTICS.

Professor of Therapeutics: R. D. RUDOLF.
Demonstrator in Anaesthesia: S. JOHNSTON.
Demonstrators of Therapeutics: C. E. C. COLE, G. W. ROSS, S. R. D. HEWITT.
Assistant in Anaesthesia: T. R. HANLEY.

Therapeutics is taught in the two final years, and is made as practical as possible.

Fourth Year.

Lectures.—In the Fourth Year a course of lectures is given in which the general principles of the subject are considered in a systematic way, emphasis being laid upon the fact that Therapeutics includes far more than the employment of drugs. The whole matter is considered more from the standpoint of disease than from that of drugs and other remedies. Diet, hydrotherapy, massage, electricity, anaesthesia and climate are also dealt with. Once a week fourth year students are given a practical demonstration at the hospital of methods of therapy, patients being freely used to illustrate the points.

Fifth Year.

Clinical Work.—In the final year the students are taken in groups at the General Hospital and the different methods of dealing with diseased conditions are demonstrated, generally upon actual patients. Here also prescription writing is practised. These demonstrations are quite informal and are conducted twice a week alternatively in the medical theatre at the hospital and in the wards. Students of the fourth and fifth years will receive individual practical instruction in the administration of anaesthetics.

Text-books:—Burney Yeo's Clinical Therapeutics, 2 volumes; Hare's Practical Therapeutics.

Reference Text-books:—Hutchinson & Collier's Index of Treatment Lauder Brunton, Action of Medicines; Friedenwald and Rühräh, Diet in Health and Disease; Wood, Therapeutics, its principles and practice; Potter, Ortner's Treatment of Internal Diseases; Cushny, Pharmacology and Therapeutics; Shoemaker, Materia Medica and Therapeutics; Hare. System of Therapeutics; Forchheimer's General and Special Treatment of Diseases; Forchheimer's Therapeusis of Internal Diseases; Sajous, Cyclopaedia of Practical Medicine.

SURGERY.

Professor of Surgery and Clinical Surgery: I. H. CAMERON.

Associate Professor of Clinical Surgery and Clinical Anatomy: G. A. BINGHAM.

Associate Professors of Clinical Surgery: A. PRIMROSE, H. A. BRUCE, F. N. G. STARR, P. W. H. MCKEOWN, S. M. HAY.

Associate Professor of Clinical Surgery and in Charge of Orthopaedics: C. L. STARR.

Associates in Surgery and Clinical Surgery: C. B. SHUTTLEWORTH, J. F. UREN, T. B. RICHARDSON, G. SILVERTHORN, E. S. RYERSON, W. J. O. MALLOCH, W. A. SCOTT, W. W. JONES.

Demonstrators in Clinical Surgery: W. E. GALLIE, A. B. WRIGHT, M. H. V. CAMERON, N. S. SHENSTONE, G. E. WILSON, R. E. GABY, J. A. ROBERTS.

Assistants in Clinical Surgery: A. S. MOORHEAD, A. H. PERFECT, D. E. ROBERTSON, OLIVER MABEE, P. K. MENZIES, ROBIN PEARSE, B. Z. MILNER, R. R. GRAHAM.

Third Year.

Lectures.—A short course of lectures is delivered during the Michaelmas term on the general principles of Surgery.

Clinical Work.—In the Third Year each student receives three hours a week of Clinical instruction, on cases which illustrate—

1. Inflammation,
2. Suppuration and Abscess,
3. Surgical Diseases of the Skin; boils, carbuncles, etc.
4. Sepsis; infection and infective diseases,
5. Wounds,
6. Haemorrhage,
7. Ulceration,
8. Gangrene,
9. Hernia,
10. Surgical Landmarks,
11. History Taking,
12. Fractures,
13. Bandaging,
14. Instruments,
15. First Aid.

Fourth Year.

Lectures.—Thirty lectures are given throughout the Session on some of the general principles of Surgery. Short courses are included on the special Surgery of certain regions of the body, *e.g.* the abdomen; the head and neck; the extremities, etc., the courses varying from year to year. The majority of the lectures are delivered at the Hospitals and are illustrated by Clinical Cases.

Practical Work.—A course of practical demonstrations will be given on the details of minor surgical technique under the following headings:—

1. Principles of aseptic and antiseptic surgery.
2. Preparations for operations:
   (*a*) Patient—general preparation; field of operation.
   (*b*) Surgeon and assistants—hands; gloves; gowns; caps; masks; etc.
   (*c*) Instruments.
   (*d*) Room; tables; sterilizers; basins; irrigators; sheets, towels, etc.
3. Dressings; sutures; drains. Their preparation and uses.
4. Instruments.
5. Minor surgical technique.
   Hypodermics; local anaesthesia; lumbar puncture and spinal injections; transfusions, etc.
   Poultices; fomentations; stupes; blisters; cautery; leeches; cupping, etc.
   Enemata ; douches, etc.
   Catheters; bougies; sounds, etc.
   Haemostasis; paracentesis, etc.
6. Bandaging.
7. First aid in accidents, drowning, etc.

Each student in this year will be required to take four complete histories during the year. These shall include the history, physical examination, differential diagnosis, description of the operative and non-operative treatment, progress notes, pathological findings, autopsy report and whatever clinical analysis may be necessary. These histories shall be presented to the Clinician and shall be read and, if satisfactory, signed by him and

may be used for teaching purposes in Clinic. The four approved histories must be deposited by the student with the Secretary of the Department before April 15th.

Clinical Work.—The time devoted to Clinical teaching in surgery is laid down in the time-table for the Fourth Year on page 89.

During this year an attempt is made to give the student a thorough familiarity with all the ordinary types of surgical conditions met with in general practice. He is taught to make a complete examination of any surgical patient in order that he may be able to arrive at a diagnosis and reasonably scientific treatment.

A special course in Orthopaedic Surgery is given at the Hospital for Sick Children.

Fifth Year.

The work of the Fifth Year in Surgery is entirely Clinical with the exception of one weekly mid-day lecture which is partly didactic and partly clinical. For the present the work incident to Dresserships and obligatory upon all candidates will be done in this year.

An elective course is given in operative surgery on the cadaver.

The duties of the Clinical Clerks attached to the various Surgical Services at the Toronto General, St. Michael's and the Sick Children's Hospitals shall be:

1. To act as assistants to the House Surgeon and to be prepared to carry out his instructions at all times.

2. To take the history of each patient within twenty-four hours of his admission to the wards. To record the physical examination and to do and record the necessary laboratory work.

3. To attend all the operations performed on his Service, and to be prepared to act as an assistant.

4. To do whatever dressings are detailed to him by the House Surgeon.

5. In the event of an autopsy on any patient who has been under his charge, to assist and make the necessary records.

6. To work when required in the Out-Patient Department.

7. That he be required to attend the Clinics given to the Third and Fourth Years on his Service, and be prepared to give a detailed account of the cases being presented, to the Clinician, and, if necessary, under the direction of the Clinician, to act as Demonstrator. Further, that he shall be required to provide and prepare the material for each Clinic to the Third and Fourth Years.

8. That during his term of service he shall be prepared, when directed to do so, to assist in giving and to give anaesthetics to the patients on his Service under the supervision of the anaesthetist.

9. That he be responsible for keeping a record of the Clinics given on his Service and the passing of this record on to the next Clinician when the classes change.

Text-books:—Rose & Carless; Spencer and Gask.; Minor Surgery, Foote; Surgical Diagnosis, Gould; A Synopsis of Surgery, Ernest W. Hey Groves; Pye's Surgical Handicraft.

Reference Text-books:—

Surgery:—Principles of, by Senn, Nancrede, Jackson Clarke, Choyce; Practice of, by Treves, Erichsen; International Text Book, by Warren & Gould; Modern Surgery, by Roswell Park; American Practice of Surgery; Operative Surgery, Burghard, 4 vols.; Surgical Treatment, Cheyne & Burghard; Operative Surgery, by Treves, Jacobson, Bryant, Bickham, Binnie, Kocher, Alexis Thomson v. Schmieden; Genito-Urinary Surgery, White and Martin, Keyes, Casper-Bonney, Taylor, Henry Morris, Morton; Orthopædic Surgery, Bradford & Lovett, Whitman, Jackson Clarke; Fractures and Dislocations, Stinson; Dislocations and Joint Fractures, Cotton; Treatment of, Scudder; Diseases of the Rectum and Anus, Gant, 3rd ed.; Surgery of the Chest, Paget, Carl Beck; General Surgery, J. C. Warren, Lexer-Bevan; Preparatory and after treatment in Operative Cases Haubold, Crandon; Surgery of the Brain, Krause, Rawlings; Clinical Surgical Diagnosis, de Quervain (trans.).

PATHOLOGY.

Professor of Pathology and Bacteriology and Curator of the Museum and Laboratories: J. J. MACKENZIE.

Lecturer in Bacteriology: D. A. GRAHAM.

Demonstrators of Pathology: J. A. OILLE, H. J. SHIELDS, L. BRUCE ROBERTSON, G. A. CAMPBELL.

Assistants in Pathology: G. W. LOUGHEED, ROSCOE GRAHAM, F. S. PARK,

Fellow in Pathology: H. K. DETWEILER.

Assistants in Clinical Laboratory: D. H. BODDINGTON, N. T. MACLAURIN.

Assistant Curator of the Pathological Museum:

The courses of instruction are as follows:—

Second Year.

Students receive a course of lectures and practical laboratory exercises during the Easter Term in general Bacteriology, including media making, staining and cultivation of pathogenic micro-organisms, the practical isolation and identification of the most important bacteria pathogenic to man.

Third Year.

Lectures.—1. A course of lectures in General Pathology is given during the Michaelmas and Easter Terms.

Practical Work.—2. A laboratory course in Pathological Histology is held four afternoons a week during the Easter Term, illustrating general pathological conditions, including inflammations (acute and chronic) repair, tumors, etc.

3. A practical laboratory class in haematology and clinical microscopy.

Fourth Year.

Lectures.—1. A course of didactic lectures is delivered upon selected chapters of special pathology.

Practical Work.—2. A laboratory course in Pathological Histology takes place four afternoons a week during the Michaelmas Term. The work taken up in this class illustrates the special pathology of the organs. Alternating with this class are a series of Museum Demonstrations arranged to illustrate the course in Pathological Histology.

3. Throughout the Session autopsies are held at the three Hospitals which students are required to attend and take full notes. On the autopsies they have witnessed they are subsequently examined.

4. Once a week during the Easter Term a Clinical conference on autopsy material is held at the General Hospital.

Fifth Year.

1. The routine work for all students of the Fifth Year will consist of attendance and assistance at autopsies. Upon such cases as the students have studied in the wards full bacteriological and histological studies will be required.

2. A weekly conference in autopsy material will be held for the whole class.

3. Advanced classes will be held for students who are candidates for Honours in Groups 1 and 4 and for such other students as may be permitted to attend.

An advanced laboratory class in surgical pathology may be arranged for students who purpose writing for Honours in Groups 2 and 3.

Text-books:—

Pathology:—Adami, Pathology General, vol. I.; Special vol. II.; Delafield and Prudden 8th edition; Grünbaum, Essentials of Morbid Histology. Text book of Pathology—Adami and McCrea; General Pathology—Pembrey and Ritchie. Text book of Pathological Histology, Mallory.

Bacteriology:—Muir and Ritchie; Hiss and Zinsner; Park. Infection, Immunity and Serum Therapy—Ricketts and Dick.

Clinical Methods:—Hutchison & Rainy; Emmerson; Sahli.

PATHOLOGICAL CHEMISTRY.

Professor of Pathological Chemistry: A. HUNTER.
Lecturer in Pathological Chemistry: C. G. IMRIE.
Demonstrators of Pathological Chemistry: F. W. ROLPH, D. H. BODDINGTON.

Third Year.

Lectures.—For students in this year a course of lectures will be given on general disorders of the chemical processes of the body.

Practical Work.—Students will receive practical instruction in the chemical methods employed in the examination of excreta, secretions, organs and body fluids, that is necessary in the study and diagnosis of disease.

Fourth Year.

Lectures.—A course of lectures for students in this year will be given on questions in the pathology of special organs that are capable of chemical treatment.

Practical Work.—An hour is set apart on each day for laboratory work when students will be assisted in the chemical examination of material obtained from cases in the wards. Reports of each student's work will be preserved.

Fifth Year.

In addition to the routine clinical laboratory work, an advanced laboratory course will be given to candidates for Honours in the subjects of Groups 1 and 4 and to such other students as may be permitted to take it.

Text-books:—Printed directions for laboratory work are given out to the 3rd year class; beyond this the text-books are the standard works on Physiology and Pathology, with Krehl's Clinical Pathology, trans. by Hewlett (Lippincott & Co.).

Reference Books:—Oppenheimer, Handbuch der Biochemie; Von Noorden, Metabolism and Practical Medicine (trans. by Walker Hall) 3 vols.; Neubauer and Huppert, Analyse des Harns; Schmidt and Strasburger, Die Fazes des Menschen.

PSYCHIATRY.

Professor in Psychiatry: C. K. CLARKE.
Extra-Mural Professor in Psychiatry: N. H. BEEMER.
Associate in Psychiatry: J. M. FORSTER.
Demonstrator: HARVEY CLARE.

Fourth Year.

Lectures.—A brief series of didactic lectures is given, outlining some of the more important psychoses.

Fifth Year.

Clinical Work.—A clinical course will be given in the Hospital for the Insane. Here the student will be afforded opportunity to obtain a practical knowledge of psychiatry, and to study the laboratory and clinical methods employed in the diagnosis and treatment of various forms of insanity.

Text-books:—White's Outlines of Psychiatry: Clinical Psychiatry, Diefendorf.

MEDICAL JURISPRUDENCE.

Professor: N. A. POWELL.

Fourth Year.

Lectures.—About fifteen lectures and class-room demonstrations will be given. These will be illustrated as required by lantern slides and by specimens from the Pathological Museum or from private collections.

The lecture course will embrace *inter alia* a discussion of:—Legal Criminal procedures and the relation of Medical men thereto. Medical evidence, documentary and oral, ordinary and expert. Personal identity of the living and of the dead. Thanatology: The reality of death; *post mortem* changes, autopsies and reports. Causes producing deaths by violence such as the various forms of asphyxia, heat, cold, electricity, etc. Wounds in their medico-legal relations. Blood stains and the examination of blood. Medico-legal aspects of the sexual functions, impotency, sterility and legitimacy. Pregnancy, abortion and infanticide. Rape and allied offences against chastity. Civil and criminal malpractice. Life Assurance. Medical Ethics.

Text-books:—Glaister, Reese, Emerson, Draper.

Reference Text-books:—Taylor's Principles; Whitthaus and Becker; Peterson and Haines; Dixon Mann; Cattell's *Post Mortem* Pathology; Greene's Life Insurance; Atkinson's Law in Medical Practice; Cathell's The Physician Himself.

TOXICOLOGY.

Professor of Toxicology: W. H. ELLIS.
Associate Professor of Pharmacology: V. E. HENDERSON.

Two courses of lectures and demonstrations are now given.

COURSE 1. The Chemical detection of poisons, including the identification of the common poisons in their pure state, and their separation from organic matter.

COURSE 2. The pharmacology, symptomology, pathology and therapeutics of poisoning. In this course only the more important poisons are dealt with.

HYGIENE.

Professor: JOHN A. AMYOT.
Associate Professor: J. G. FITZGERALD.

As heretofore this Department will provide a course embracing a series of illustrative lectures covering public health laws and regulations, vital statistics and the general problems of sanitation to the candidates for the M.B. degree.

It will also provide special lecture courses in first aid, hygiene and sanitation to students in the Engineering, Forestry, Architecture, Household Science and Education departments of the University.

Special Laboratory facilities and instruction will be given to those students of the Department of Engineering qualifying for Sanitary Engineers.

The Department is now prepared to give all the necessary Laboratory and other instruction to graduates leading to the Diploma of Public Health, special laboratories having been provided for this purpose.

Text-books:—Rosenau; Parkes; Egbert;

ANTITOXIN LABORATORY.

There has been established recently in the Department of Hygiene a laboratory for the preparation of public health biological products including, diphtheria, antitoxin, rabies vaccine and typhoid vaccine.

These products are distributed under the auspices of the various Provincial Boards of Health.

The laboratory also provides facilities for teaching and research in immunity and serum therapy.

OBSTETRICS AND GYNAECOLOGY.

Professor of Obstetrics and Gynaecology: B. P. WATSON.
Associate Professors of Obstetrics: H. T. MACHELL, K. C. MCILWRAITH.
Associate Professor of Gynaecology and Obstetrics: A. A. MACDONALD.
Associate Professor of Gynaecology: F. W. MARLOW.
Associate in Obstetrics: J. A. KINNEAR.
Demonstrators in Obstetrics: M. M. CRAWFORD, W. J. MABEE.
Associate in Gynaecology: W. B. HENDRY, F. A. CLELAN.
Demonstrator in Gynaecology: A. C. HENDRICK.
Assistant Demonstrator in Obstetrics and Gynaecology: W. A. SCOTT.
Assistant Demonstrators in Obstetrics: S. J. N. MAGWOOD, J. G. GALLIE.
Assistant Demonstrators in Gynaecology: H. E. CLUTTERBUCK, R. W. WESLEY.

Fourth Year.

Lectures.—Obstetrics:—A course of lectures illustrated by diagrams, lantern slides and models will be given. A syllabus indicating the scope of the work is provided. Stated generally, the course consists of two parts. The first part deals with the anatomy and physiology of the female organs of reproduction; the anatomy, physiology and management of normal pregnancy, labour and the puerperium, and the care of the infant. The second part is concerned with abnormal conditions arising during pregnancy, labour, and the puerperium, and with maladies of the infant.

Practical demonstrations on anatomy, the mechanism of labour, the use of obstetrical instruments, etc., will be given to small sections of students.

Gynaecology:—A course of lectures illustrated by pathological specimens, diagrams and lantern slides will be given. A syllabus is provided. The lesions of each organ are considered in detail and the methods of gynaecological diagnosis and treatment indicated.

Clinical Work.—Obstetrics:—The student attends clinics at the Toronto General Hospital or at St. Michael's Hospital. At these clinics practical instruction is given in the examination of patients, the diagnosis of pregnancy, the management of labour and the puerperium and the care of the infant.

Gynaecology:—Clinical instruction is given at the Toronto General Hospital, and at the Western Hospital, in the method of case taking, the examination of patients, the use of instruments, and in the conduct of operations.

Pathological Demonstrations:—The naked eye and microscopic pathology of the common obstetrical and gynaecological lesions will be demonstrated in the museum.

Fifth Year.

Obstetrics.—The student attends the Obstetrical Hospital for a period of five weeks during which time he is given an opportunity of seeing all the work of the hospital, and of assisting in the management and treatment of cases. He is also required to attend patients in their own homes and to perform other duties in connection with the Out-Patient Service. Clinical lectures are given once a week on interesting and abnormal cases.

Gynaecology.—Clinical instruction in the examination and diagnosis of gynaecological cases is given to small sections of students. Each student is required to act as clinical clerk to the cases assigned him, to be present at any operations required, and to follow the after-treatment. Operations will be performed on stated days and at these the members of the clinic may be present.

Pathological Demonstrations:—A series of demonstrations in continuity with those held during the fourth year will be given in the museum.

Text-books:—

Obstetrics:—Eden; Berry Hart; Hirst; Edgar; Whitridge Williams; Jellett; Galabin; Adam Wright.

Gynaecology:—Barbour & Watson; Dudley; Gilliam; Crossen; Penrose; Eden; Hart & Barbour; Ashton; Montgomery.

Reference Text-books:—

Obstetrics:—Bumm; Winckel; Munro Kerr, Operative Obstetrics; Davis, Operative Obstetrics; Lea, Puerperal Infection; Ballantyne, Antenatal Pathology.

Gynaecology.—Kelly, Operative Gynaecology; Berkeley & Bonney, Gynaecological Surgery; Winter & Ruge, Gynaecological Pathology, translated by Clark; Cullen, Cancer of the Uterus.

OPHTHALMOLOGY AND OTOLOGY.

Professors: J. M. MACCALLUM, G. S. RYERSON, G. H. BURNHAM.
Demonstrators: COLIN CAMPBELL, D. N. MACLENNAN, M. LYON.

Fourth Year.

Ophthalmology:

A short course of didactic lectures will be given. Ample facilities will be afforded in the out-patient services for acquiring a knowledge of Refraction and of the use of test-lenses; and also of the ophthalmoscope and other instruments employed in diagnosis, so that the student may become practically acquainted with methods in vogue and their application. The anatomy and relations of the eye and orbit will also be considered.

Fifth Year.

Instruction will be wholly clinical and practical, and will include, Ophthalmoscopy and its bearings; the bacteriology and pathology of the eye and adnexa; and operations.

Otology:

There will be a short course of didactic lectures. Clinically, otology is grouped with diseases of the nose and throat.

Ophthalmology:—

Text-books:—Manuals of Diseases of the Eye, Berry; J. Edward Jackson; May; Mayou; Nettleship; Parker; Parsons; Swanzy; Veasey; Wood & Woodruff; Sym; Marshall.

Works of Reference:—de Schweinitz; Weeks; Fuchs; Posey & Wright; Theobald; Ball.

Otology:—

Manuals:—Bacon; Albert Gray.

Works of Reference:—Politzer; Ballengar; Barnhill & Wales.

OTO-LARYNGOLOGY.

Professor: D. J. GIBB WISHART.
Associate Professor: GEOFFREY BOYD.
Demonstrators: PERRY G. GOLDSMITH, G. ROYCE.

The course of instruction in oto-laryngology is carried on in the Toronto General Hospital, where the facilities placed at the disposal of the students are unusually complete. There is an indoor service of twenty beds, and in the outdoor, in addition to the large clinic, where the fifth year students receive instruction, there is a room set aside for the fourth year classes, with eight cubicles for examination purposes.

This course is carried on during both the fourth and fifth years of the curriculum.

Fourth Year.

In the fourth year the students will receive instruction in:

(1) The normal anatomy of the ear, nose and throat.

(2) The methods of using the head mirror and the various instruments required in examining the ear, nose and throat.

(3) The ordinary tests for hearing.

(4) The recognition of the ear, nose and throat, in their normal conditions, as exemplified by clinical material.

Fifth Year.

In the fifth year the students will be divided into small groups for the purpose of studying the commoner pathological conditions affecting the various organs, and as much clinical material as possible will be utilized for the purposes of personal observation.

A series of lectures will be delivered upon the various diseases of the ear, nose and throat, ordinarily met with by the general practitioner. This course will follow the clinical instruction.

At the close of each class instruction in the fourth year, a clinical examination will be held, and at the final (fifth year) examination the test will be clinical.

Text-books:—Porter, Diseases of the Throat, Nose and Ear; Lake, Diseases of the Ear; Parker, Throat and Nose; Gray, Ear.

For reference:—St. Clair Thompson, Throat and Nose; Lambert Lack, Throat and Nose; Watson Williams, Throat and Nose; Phillips, Throat, Nose and Ear; Ballenger, Throat, Nose and Ear.

LECTURES IN DENTISTRY.

The Faculty have arranged for a course of lectures to be delivered during the Session, on the application of Dentistry to Medicine. The instruction will be given by a man properly qualified for the purpose and will be delivered to the students of the final year. The course will be obligatory.

FIRST YEAR TIME-TABLE, SESSION 1915-16.

Michaelmas Term.

Hour	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physics Pr. B. Histology Pr. A.	Biology.	Physics.	Histology.	Anatomy.	Anatomy.
10-11	Physics Pr. B. Histology Pr. A.	Biology Pr. A. Mammalian Anatomy B.	Physics Pr. A. Biology Pr. B.	Histology Pr. B. Mammalian Anatomy A.	Biology.	
11-12	Biology.	Biology Pr. A. Mammalian Anatomy B.	Physics Pr. A. Biology Pr. B.	Histology Pr. B. Mammalian Anatomy A.	Chemistry.	
12-1	Chemistry	Chemistry	Chemistry.		Physics.	
2-3	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. A. Mammalian Anatomy B.	Chemistry Pr. A. Mammalian Anatomy B.		
3-4	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. B. Mammalian Anatomy A.	Chemistry Pr. A. Mammalian Anatomy B.	Chemistry Pr. A. Mammalian Anatomy B.		
4-5	Chemistry Pr. B.	Chemistry Pr. B.	Chemistry Pr. A.	Chemistry Pr. A.	Chemistry.	

Easter Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physics Pr. A. Histology Pr. B.	Biology Pr. B.	Physics.	Histology.	Anatomy.	Anatomy.
10-11	Physics Pr. A. Histology Pr. B.	Biology Pr. B.	Physics Pr. B. Biology Pr. A.	Histology Pr. A.	Biology.	Biology.
11-12	Biology.	Embryology.	Physics Pr. B. Biology Pr. A.	Histology Pr. A.	Chemistry.	
12-1	Chemistry.	Chemistry.	Chemistry.	Embryology.	Physics.	
2-3	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Embryology Pr. A.	Chemistry Pr. A Osteology Pr. B.	Embryology Pr. B. Osteology Pr. A.	
3-4	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Embryology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Embryology Pr. B. Osteology Pr. A.	
4-5	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry Pr. B. Osteology Pr. A.	Chemistry Pr. A. Osteology Pr. B.	Chemistry.	

SECOND YEAR TIME-TABLE.

Michaelmas Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology.	Biochemistry.	Physiology.	Biochemistry.	Histology.	Anatomy Pr.
10-11	Anatomy.	Physiology Pr.	Physiology Pr.	Biochemistry.	Biochemistry.	Anatomy Pr.
11-12	Histology Pr. A.	Physiology Pr.	Physiology Pr.	Anatomy.	Histology Pr. B.	Anatomy Pr.
12-1	Histology Pr. A.	Physiology Pr.	Physiology Pr.		Histology Pr. B.	
2-5	Biochemistry Pr.	Anatomy Pr.	Anatomy Pr.	Anatomy Pr.	Biochemistry Pr.	

Easter Term.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9-10	Physiology.	Biochemistry.	Physiology.	Biochemistry.	Histology.	Anatomy Pr.
10-11	Anatomy.	Physiology Pr. until Feb. 7th. Bacteriology to end of session.	Physiology Pr. until Feb. 7th. Bacteriology. to end of session.	Physiology.	Biochemistry.	Anatomy Pr.
11-12	Histology Pr. Bacteriology.			Anatomy.	Histology Pr. Bacteriology.	Anatomy Pr.
12-1	Histology Pr. Bacteriology.				Histology Pr. Bacteriology.	
2-5	Biochemistry Pr.	Anatomy Pr.	Anatomy Pr.	Anatomy Pr.	Biochemistry Pr.	

Histology and Bacteriology will alternate in a manner to be announced.

THIRD YEAR CLINICAL TIME-TABLE

Date.	Hour.	Monday.	Tuesday.	Wednesday.
Sept. 28 to Dec. 4.	9—10.30.	Medicine. I (9) J (10) K (11) N (14) O (15) Surgery T.G.H. No. 1 (12, 13) Pharmacology. (1-8)	Medicine. I (9) L (12) J (10) M (13) K (11) N (14) O (15) Surgery. T.G.H. No. 2 (1, 2) T.G.H. No. 3 (3, 4) St.M.H. No. 1 (5, 6) St.M.H. No. 2 (7, 8)	Medicine. K (11) M (13) N (14) O (15) I (9) Surgery T.G.H. No. 3 (3, 4)
	10.30—12	Surgery. T.G.H. No. 4 (9,10, 11) H.S.C. (14, 15) Medicine. (L) 12 (M) 13 Pharmacology. (1-8)	11 a.m. Anatomy.	Medicine. A (1) F (6) B (2) G (7) C (3) H (8) D (4) E (5) Surgery. T.G.H. No. 1 (12, 13) T.G.H. No. 4 (9, 10, 11) H.S.C. (14, 15)

SESSION 1915-16.

Thursday.	Friday.	Saturday.
Medicine. (1-15) Clinical Lecture with Fourth Year.	Medicine. A (1) E (5) B (2) F (6) C (3) G (7) D (4) Surgery T.G.H. No. 1 (8) Pharmacology. (9-15)	Medicine. A (1) H (8) B (2) J (10) E (5) L (12) F (6) G (7) T.G.H No. 3 (3, 4)
Physiology. (1-15)	Surgery. T.G.H. No. 2 (1, 2) St.M.H. No. 1 (5, 6) St.M.H. No. 2 (7) Medicine. H (8) Pharmacology. (9-15)	Medicine. C (3) D (4)

THIRD YEAR CLINICAL TIME-TABLE

Date.	Hour.	Monday.	Tuesday.	Wednesday.
Dec. 6 to Feb. 26.	9—10.30.	Medicine. C (1) G (5) D (2) H (6) E (3) F (4) Surgery T.G.H. No. 1 (7, 8) Clin. Laboratory. (9-15)	Medicine. N (9) K (13) O (10) L (14) M (15) Surgery T.G.H. No. 2 (11, 12) Path. Chemistry. (1-8)	Medicine. N (9) K (13) O (10) I (11) J (12) Surgery. T.G.H. No. 4 (14, 15) Pharmacology. (1-8)
	10.30—12.	Surgery. T.G.H. No. 3 (1, 2) St.M.H. No. 1 (3, 4) St.M.H. No. 2 (5, 6) Medicine. A (7) B (8) Clin. Laboratory. (9-15)	Surgery. T.G.H. No. 4 (14, 15) St.M.H. No. 1 (9, 10) H.S.C. (13) Medicine I (11) J (12) Path. Chemistry. (1-8)	Surgery. T.G.H. No. 2 (11, 12) St.M.H. No. 1 (9, 10) H.S.C. (13) Medicine. L (14) M (15) Pharmacology. (1-8)
Feb. 28 to May 6.	9—10.30.	Medicine. N (11) I (13) O (12) J (14) K (15) Surgery T.G.H. No. 3 (9, 10) Clin. Laboratory. (1-8)	Medicine. E (1) A (5) F (2) B (6) G (3) C (7) H (4) D (8) Surgery T.G.H. No. 2 (7, 8) Path. Chemistry. (9-15)	Medicine. L (9) J (14) M (10) K (15) N (11) O (12) Surgery. T.G.H. No. 4 (13) Pharmacology. (1-8)
	10.30—12.	Surgery, T.G.H. No. 1 (13, 14, 15) H.S.C. (11, 12) Medicine. L (9) M (10) Clin. Laboratory. (1-8)	Surgery. T.G.H. No. 4 (5, 6) St.M.H. No. 1 (1, 2) St.M.H. No. 2 (3, 4) Medicine C (7) D (8) Path. Chemistry. (9-15)	Surgery. T.G.H. No. 1 (14, 15) T.G.H. No. 3 (9, 10) H.S.C. (11, 12) Medicine I (13) Pharmacology. (1-8)

SESSION 1915-16.

THURSDAY.	FRIDAY.	SATURDAY.
Medicine. Clinical Lecture with Fourth Year. (1-8) Clin. Laboratory. (9-15)	Medicine. C (1) G (5) D (2) H (6) E (3) F (4) Surgery T.G.H. No. 1 (7, 8) Pharmacology. (9-15)	Medicine. N (9) K (13) O (10) L (14) I (11) M (15) J (12) Path. Chemistry. (1-8)
Medicine. C (1) G (5) D (2) H (6) E (3) A (7) F (4) B (8) Clin. Laboratory. (9-15)	Surgery. T.G.H. No. 3 (1, 2) St.M.H. No. 1 (3, 4) St.M.H. No. 2 (5, 6) Medicine A (7) B (8) Pharmacology. (9-15)	Medicine. N (9) K (13) O (10) L (14) I (11) M (15) J (12) Path. Chemistry. (1-8)
Medicine. Clinical Lecture with Fourth Year. (9-15) Clin. Laboratory. (1-8)	Medicine. E (1) C (7) F (2) D (8) G (3) H (4) Surgery. T.G.H. No. 4 (5, 6) Pharmacology. (9-15)	Medicine. B (6) C (7) G (3) D (8) A (5) H (4) Path. Chemistry. (9-15)
Medicine. L (9) I (13) M (10) J (14) N (11) K (15) O (12) Clin. Laboratory. (1-8)	Surgery. T.G.H. No. 2 (7, 8) St.M.H. No. 1 (1, 2) St.M.H. No. 2 (3, 4) Medicine A (5) B (6) Pharmacology. (9-15)	Medicine. G (3) E (1) A (5) F (2) Path. Chemistry. (9-15)

N.B.—Numbers in brackets refer to number of student classes. Letters after Medicine refer to Teachers as printed on next two pages. T.G.H. No. 1 refers to Toronto General Hospital Service with its numbers, St. M.H. to St. Michael's Hospital, and H.S.C. to the Hospital for Sick Children.

CLINICAL TEACHING GROUPS

MEDICINE.

Teacher's Letter.	Name.	Hospital.	Sept. 28th to Dec. 4th.	Dec. 6th to Feb. 26th.	Feb. 28th to May 6th
A	Dr. F. S. Park	T.G.H.	1	7	5
I	Dr. J. Oille,	T.G.H.	9	11	13
J	Dr. C. S. McVicar,	T.G.H.	10	12	14
B	Dr. G. S. Strathy,	T.G.H.	2	8	6
K	Dr. E. C. Burson,	T.G.H.	11	13	15
L	Dr. G. S. Young,	T.G.H.	12	14	9
C	Dr. G. Boyer,	T.G.H.	3	1	7
D	Dr. G. Bates	T.G.H.	4	2	8
M	Dr. C. J. Wagner,	T.G.H.	13	15	10
E	Dr. H. S. Hutchison,	St. M.H.	5	3	1
F	Dr. J. H. Elliott	St. M.H.	6	4	2
N	Dr. R. W. Mann,	St. M.H.	14	9	11
G	Dr. B. R. O'Reilly,	St. M.H.	7	5	3
H	Dr. J. H. McPhedran,	St. M.H.	8	6	4
O	Dr. J. D. Loudon,	St. M.H.	15	10	12

CLINICAL TEACHING GROUPS—Continued.

SURGERY.

Teaching Groups.	Sept. 28th to Dec. 4th.	Dec. 6th to Feb. 26th.	Feb. 28th to May 6th.
T.G.H. No. 1. Prof. I. H. Cameron, Dr. N. S. Shenstone, Dr. R. E. Gaby,	8, 12, 13	7, 8	13, 14, 15
T.G.H. No. 2. Prof. A. Primrose, Prof. F. N. G. Starr, Dr. E. S. Ryerson, Dr. J. A. Roberts,	1, 2	11, 12	7, 8
T.G.H. No. 3. Prof. H. A. Bruce, Dr. W. J. O. Malloch, Dr. A. S. Moorhead, Dr. O. R. Mabee,	3, 4	1, 2	9, 10
T.G.H. No. 4. Prof. G. A. Bingham, Dr. C. B. Shuttleworth, Dr. T. B. Richardson, Dr. A. B. Wright,	9, 10, 11	14, 15	5, 6, 13
St. M. H. No. 2. Prof. W. McKeown, Dr. G. E. Wilson,	7, 8	5, 6	3, 4
St.M.H. No. 1. Dr. J. F. Uren, Dr. G. Silverthorn, Dr. M. H. V. Cameron,	5, 6	3, 4 9, 10	1, 2
H.S.C. Prof. C. L. Starr, Dr. W. E. Gallie, Dr. L. B. Robertson,	14, 15	13	11, 12

THIRD YEAR DIDACTIC TIME-TABLE.

Michaelmas Term.

Hour	Monday.	Tuesday.	Wednesday.	Thursday	Friday.
12-1		Physiology.	Physiology	Physiology.	
1-2	Pharmacology.				General Pathology.
2-3	Anatomy.	Physiology.	Surgery.	Physiology.	Anatomy.
3-4	Anatomy.	Anatomy.	Anatomy.	Physiology.	Anatomy.
4-5	Anatomy.	Anatomy.	Anatomy.	Topographical Anatomy	Anatomy.

Easter Term.

12-1		Psychology (10 weeks)		Physiology.	
1-2	General Pathology		Pathological Histology.		General Pathology.
2-3	Pathological Histology.	Physiology.	Pathological Histology.	Physiology.	Pathological and Bacteriological Laboratory
3-4	Pathological Histology.	Physiology.	Medicine.	Pathological Histology.	
4-5			Pharmacology.	Pathological Histology.	

PROPOSED CLINICAL TIME-TABLE, FOURTH YEAR, SESSION 1915-1916.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURDSAY	FRIDAY	SATURDAY
9-10	Medicine.	Medicine.	Medicine (Clin. Lect.)	Medicine.	Medicine.	Medicine.
10-11	Physical Diagnosis, Surgery.	Medicine.	Medicine.	Medicine.	Physical Diagnosis, Medicine.	Physical Diagnosis, Medicine.
11-12	Obstetrics.	Surgery.	Surgery.		Surgery.	Surgery.
9-10	Eye. Nose.	Eye. Nose.	Medicine (Clin. Lect.)	Eye. Nose.	Eye. Nose. Physical Diagnosis,	Eye. Nose.
10-11	Surgery.	Medicine.	Surgery.	Surgery.	Medicine.	Surgery. (10-11)
11-12	Medicine.	Physical Diagnosis, Surgery.	Eye. Nose.	Medicine.	Medicine.	Medicine. (11-12)
9-10	Medicine.	Medicine.	Medicine. (Clin. Lect.)	Medicine.	Surgery H.S.C.	Medicine.
10-11	Physical Diagnosis, Surgery.	Medicine.	Surgery H.S.C.	Physical Diagnosis, Medicine.	Clinical Therapeutics.	Physical Diagnosis, Medicine.
11-12	Gynaecology.	Surgery.	Clinical Laboratory.	Surgery.	Pathological Chemistry.	Surgery.

SYSTEM OF CHANGING CLASSES FOR FOURTH YEAR

Date.	Medicine. Surgery. Obstetrics.	Medicine Surgery. Eye. Ear, Nose and Throat.	Medicine. Surgery. Gynaecology. Paediatrics. Clinical Therapeutics.
Sept. 28 to Dec. 4.	B	A	C
Dec. 6 to Feb. 26.	C	B	A
Feb. 28 to May 6.	A	C	B

FOURTH YEAR DIDACTIC TIME-TABLE.

Michaelmas Term.

HOUR	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.
1–2	Pathological Histology	Pathological Histology	Pathological Histology.	Pathological Histology.	Pathological Chemistry.
2–3	Pathological Histology.	Pathological Histology.	Pathological Histology.	Pathological Histology.	Surgery.
3–4	Obstetrics	Therapeutics	Gynaecology.	Obstetrics	Medicine.
4–5	Clin. Labor'y	Clin. Labor'y	Clin. Labor'y	Clin. Labor'y	Clin. Labor'y

Easter Term.

12-1	Clin. Labor'y.	Clin. Labor'y.	Clin. Labor'y.	Clin. Therapeutics.	Clin. Labor'y.
2–3	Med. Jurisprudence 10 weeks. Toxicology, 8 weeks.	Special Pathology.	Clinical Conference on Autopsy Material.	Hygiene.	Hygiene, 5 weeks Med. Juris, 5 weeks
3–4	Otology, 5 weeks. Ophthalmology, 5 weeks. Paediatrics, 6 weeks.	Psychiatry, 6 weeks. Medicine, 10 weeks.	Special Pathology,	Psychiatry, 6 weeks. Medicine, 10 weeks.	Surgery, 8 weeks Path. Chemistry, 8 weeks.
4–5	Gynaecology.	Therapeutics.	Otology, 5 weeks. Ophthalmology, 5 wks. Paediatrics, 6 weeks.	Obstetrics	Obstetrics.

FIFTH YEAR TIME-TABLE

	HOUR	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
10 Weeks.	9–12			Medicine.			
	2–4		(Tuberculosis Clinic)	Medicine.		(Tuberculosis Clinic)	
10 Weeks.	9–12			Surgery, including Genito-urinary Surgery			
	2–3 3–4	Pathology.	Electives or Surgery. or Medicine. or Obstetrics.	Electives or Surgery. or Medicine. or Obstetrics.	Electives or Surgery. or Medicine. or Obstetrics.	Pathology.	

THE TEN WEEKS' INSTRUCTION IN SPECIALTIES

First Five Weeks.

HOUR	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10.30	Paed. Nose.	Paed. Nose.	Paed. Nose.	Paed. Nose.	Paed. Nose.	Paed. Nose.
10.30-12		Infectious Diseases. Dermatology.	Clinical Therapeutics.	Infectious Diseases. Dermatology.	Clinical Therapeutics.	Infectious Diseases. Dermatology.
2-3 3-4 4-5	Neurology. Dermatology. Gyn. Pathology.	Eye.	Eye	Neurology. Dermatology.	Eye. Psychiatry.	Eye.

Second Five Weeks.

	Obstetrics and Gynaecology. (½ Class)					
12-1	*Anaesthesia. *History of Medicine. *Medical Ethics. *Life insurance. *Dentistry.	Medicine. Clinical Lecture.	Surgery. Clinical Lecture.	Clinical Conference on Pathological Material Laryngology (after March 1st).	Obstetrics.	

SYSTEM OF CHANGING CLASSES

Date.	Medicine.	Surgery. Genito-urinary Surgery. Pathology. Electives.	Eye, Ear, Nose and Throat. Gynaecology. Gynaecological Pathology. Dermatology. Clinical Therapeutics. Psychiatry Neurology. Obstetrics. Paediatrics. Electives.
Sept. 28 to Dec. 4.	Nos. 25 to 48.	Nos. 49 to 72.	Nos. 1 to 24.
Dec. 6 to Feb. 26.	Nos. 25 to 108.	Nos. 1 to 24.	Nos. 25 to 48.
Feb. 28 to May 6.	Nos. 1 to 24.	Nos. 25 to 48.	Nos. 49 to 72.

Students who are granted the elective course in Experimental Pathology, Immunology, or Path. Chemistry, which is given in the 1st Trimester, must register in class Nos. 49 to 72 or 1 to 24.

Those who are granted the elective course in Surgery which is given in 2nd Trimester, must register in class Nos. 1 to 24.

Those who are granted the elective course in Medicine or Obstetrics and Gynaecology which is given in 3rd Trimester, must register in class Nos. 25 to 48.

* Questions on these subjects may be set on the papers in Medicine and Surgery.

THE MEDICAL BUILDING.

The Medical Building is situated between the University Library and the anatomical wing of the Biological Department.

It is three storeys in height in front, with an additional storey and sub-basement in the wings, which extend eastward. Two large lecture rooms are provided which flank th main building; the larger has accommodation for about three hundred and fifty students; th smaller for about two hundred students.

In the south wing, in what may be called the basement storey, are situated lavatories, recreation rooms and reading rooms for the students; in the same storey in the north wing is placed the Antitoxin laboratories.

The three main floors of the building are arranged upon what has been called the unit-system, a unit-room being thirty feet long by twenty-three feet deep, lighted on its long face by large windows.

These rooms may be united so as to form large laboratories or may be cut in two where it is necessary to have smaller rooms.

The south wing and the main portion of the building are occupied by the Department of Physiology and Biochemistry whilst the north wing accommodates the final departments of Medicine.

On the ground floor in the main portion are situated in front the Secretary's office, a large faculty room, a lavatory, and a library.

In the north wing in this floor are placed a chart and preparation room behind the lecture theatre, and on the third floor units are occupied by the Department of Pharmacology.

An interesting feature of the building is the provision which is made for research students by the presence of a series of small rooms in front of the south lecture room, each large enough to accommodate one or two workers.

As will be seen from the above description, a series of laboratories and lecture theatres is provided on the University grounds where the most ample facilities are afforded for both the practical and didactic instruction of students.

As heretofore, lectures and demonstrations will be given in the east wing of the Biological building in Biology and in the west wing in Anatomy; in he Chemical Laboratories in Chemistry and in the Physics building in Physics. It is impossible to provide more complete and efficient accommodation for the teaching of scientific medicine than that which exists in the University of Toronto to-day.

THE NEW PATHOLOGICAL BUILDING

Is on University Avenue and connected by a covered corridor with the Out-patient Department and so with the rest of the Toronto General Hospital. On the basement, or ground floor, are the Pathological Museum, lecture room and autopsy room as well as students' coat room and lavatories. On the first floor are rooms for the Hospital Pathologist and the routine Hospital pathology, and class rooms for pathological histology and

bacteriology. On the second floor the Professor of Pathology and Lecturer in Bacteriology have their private laboratories, and there are rooms for the Departmental Library and special classes in Pathology, in addition to a set of laboratories for pathological chemistry for the use of students in the Fourth and Fifth Years. On the third floor are the class rooms for systematic instruction in pathological chemistry and the laboratories for the staff in this Department, including balance, polari-meter, combustion and experimental rooms. Above this in the roof is the accommodation for animals.

Connected with the autopsy room is a cold storage plant with accommodation for twelve cadavers, and by means of a brine circulation, refrigerators in the staff laboratories on the first, second and third floors are kept cold. For many of the laboratories too there is a compressed air service.

The lecture room has seats for about 150 students and is connected with a room for preparing experimental demonstrations.

The museum is planned especially for the instruction of students; a small catalogue room and a preparation room are connected with it.

The class rooms are divided into small units and are exceptionally well lighted.

Lockers are provided for more than 300 students in the laboratories for pathological chemistry so that every student working in the Hospital may have his own place and apparatus.

The building is of fire-proof construction throughout.

THE TORONTO GENERAL HOSPITAL.

The new Hospital has more than six hundred beds, and during the year will admit to its wards about seven thousand patients.

The Out-door Department, which has been elaborately equipped with especial attention to the requirements of teaching as well as treatment, is designed to receive and care for several hundred patients each day, if necessity demands.

The Hospital is for the treatment of acute medical and surgical diseases, and the members of the staff are, in nearly every instance, drawn from the University Medical Faculty.

The Hospital Block contains ten acres, and the group of buildings includes almost everything necessary to enable a student to acquire a practical knowledge of the profession of Medicine.

On the south-west corner is situated the large Pathological Building, which is also an integral part of the Hospital. In it are found the Pathological, Clinical, Chemico-Pathological and Vaccine Laboratories, as well as the Autopsy Room, Museums, etc. The Pathological Building is regarded as one of the most complete in America.

North of the Pathological Unit is found the Out-Patients' Department already referred to; then follows the Emergency Hospital, fully equipped with every modern device necessary for the immediate care and treatment

of emergency patients. In this building arrangements have been made for the teaching and demonstration of practical methods in minor surgery.

The Medical Wing, the Administration Building and Surgical Wing face College Street. These groups embody every modern requirement in hospital equipment, and special facilities for the student are provided—such as lecture room, lunch room, cloak room, etc.

Twelve Operating Rooms are to be found in the different Surgical sections. South of the Surgical Wing is located the Obstetrical Hospital with eighty beds.

Clinical Training.

Clinical instruction is given in the various departments of the Hospital on all classes of patients.

I. *Theatre Lectures:*—Clinical Lectures are given on patients brought from the wards to the large theatre, by the professors of clinical medicine and of clinical surgery to the students of the Third, Fourth and Fifth years.

II. *Instruction in the Wards:*—

(*a*) Medicine and Surgery:—A systematic course of bedside instruction is given to a limited class of students. Arrangements are such that each physician and surgeon or his assistant is in daily attendance for the purpose of imparting instruction at the bedside. By this means provision is made for continuous daily work in the ward, and students of the Third, Fourth and Fifth years are required to avail themselves of it.

(*b*) Gynaecology:—Small classes of students receive instruction in diseases peculiar to women in the wards specially devoted to the treatment of such patients. These classes meet daily. Increased facilities have recently been provided for an out-door Gynaecological clinic.

(*c*) Obstetrics:—In the Obstetrical Hospital, final students are permitted to witness and assist in the conduct of *labours*. Students are also allowed to make engagements with out-patients and to attend them in confinement at their own home.

(*d*) Ophthalmology, Otology, Laryngology and Rhinology:—Diseases of the eye, ear, throat and nose are studied in the wards of the Andrew Mercer Infirmary.

III. *Surgical Operations:*—Surgical operations are performed in the various operating theatres every morning, or in cases of emergency at any time during the day or night when required.

IV. *Out-patients' Clinics:*—The recent provision which has been made for the accommodation of out-patients will afford unsurpassed facilities for instruction in the important class of diseases which here pass under observation. Physicians and Surgeons are in attendance daily, and the patients serve to illustrate the instruction. The cases presenting themselves in the special departments of the Hospital devoted to diseases of the eye, ear, etc., are available in the same manner. There also is an out-door clinic in gynaecology.

V. *Pathology:*

(*a*) Autopsies:—These are performed at stated hours by the Professor or the Demonstrator of Pathology. The examinations are conducted in a systematic way, and instruction on the morbid conditions found is imparted to the students. The bearings of the gross post-mortem appearances on the conditions previously found at the bedside are carefully investigated, and, when necessary, arrangements are made for further examination, microscopical and chemical. There were 123 autopsies during the year.

(*b*) The examination and analysis of the various fluids, excreta and pathological products of patients in the wards, are conducted in the University Hospital laboratory. Students are required to keep systematic records of the results obtained by these examinations.

Clinical Clerks and Surgical Dressers.

Clinical clerks and surgical dressers are appointed to act for limited periods. They are required to take complete histories of cases allotted to them, and to receive certificates for the same, as required by the Ontario Medical Council. Post-mortem clerks are appointed, and are required to make complete reports of all autopsies made in the post-mortem room, which is situated in the Hospital grounds. Clinical clerks and surgical dressers are also appointed in the departments of gynaecology, ophthalmology and otology.

Every student in the Department of Surgery shall be required to take the history, attend the dressing and keep the record of four cases in the Ward.

If any such cases come to operation he shall attend the same, disinfect himself, don an operating gown and come within the pale of the theatre to render such assistance as may be required of him, and to record the facts of the operation and the result. If any such come to post-mortem examination he shall attend the same, render such assistance as may be required of him and record the findings.

Students in Clinical Medicine shall be required to observe this last regulation respecting attendance at post-mortem examinations.

Resident Assistants in the Hospital.

A number of resident assistants are appointed annually from the graduates in medicine of the University, and hold their positions for two years.

They will have full opportunities for acquiring experience in the general and special wards of the Hospital, and during the session they will have charge under the physicians and surgeons in the general wards.

HOSPITAL FOR SICK CHILDREN.

This large Hospital, with 160 beds, is entirely devoted to diseases in children, there having been 1,294 cases treated during the last year. In the Out-patient Department, 17,862 patients were attended. The old building has been remodelled during the past year and a large new wing has been built on the west side of the present building. These alterations and additions include new operating theatres, out-patient department, pathological laboratories and wards for infectious cases. In the clinics, cases exemplifying the various diseases in infancy and childhood will be exhibited. Abundant opportunities for a personal examination of all cases are afforded.

Resident assistants are appointed annually from the graduates in medicine of the University, and hold their position for the year. The opportunity thus afforded for obtaining a practical knowledge of this very important department of medical practice is unsurpassed.

ST. MICHAEL'S HOSPITAL.

This institution is conducted as a General Hospital, where medical, surgical and obstetrical cases are admitted. The number of patients admitted last year was 3,258 while 9,342 cases were treated in the out-patient department. Fifty-five autopsies were performed. There were 290 births in the Obstetrical Department. The accommodation has recently been enlarged by the addition of a new wing, so that there are now 400 beds. An operating theatre has been provided, constructed with all the necessary modern equipment for the practice of antiseptic surgery.

Clinical instruction is given in this Hospital by those members of the staff who are also on the teaching staff of the University of Toronto. Opportunity is also provided for the study of Pathology. Post-mortem examinations are conducted systematically so that students may avail themselves of the material in this department. Clinical clerks and surgical dressers are appointed from the students in attendance at the Hospital.

Resident assistants are appointed annually from the graduates in Medicine of the University of Toronto.

GENERAL INFORMATION FOR STUDENTS.

DISCIPLINE.

The Council of University College and the governing bodies of the federated universities and colleges, respectively, have disciplinary jurisdiction over and entire responsibility for the conduct of their students in respect of all matters arising or occurring in or upon their respective college buildings and grounds, including residences.

The councils of such of the faculties as have assigned for their separate use any building or buildings and grounds, including residences, have disciplinary jurisdiction over and entire responsibility for the conduct of all students in their respective faculties in respect of all matters arising or occurring in or upon such building or buildings and grounds.

In all such cases, and, save as aforesaid, as respects all students to whatsoever college or faculty they may belong, disciplinary jurisdiction is vested in the Caput, but the Caput may delegate its authority in any particular case or by any general regulation to the council or other governing body of the university or college or faculty to which the student belongs.

If there be any question as to the proper body to exercise jurisdiction in any matter of discipline which may arise, the same shall be determined by the Caput, whose decision shall be final.

Disciplinary jurisdiction includes the power to impose fines.

REGULATIONS RELATING TO STUDENTS.

1. No student will be registered in any year, or be allowed to continue in attendance, whose presence for any cause is deemed by the Faculty Council or Caput to be prejudicial to the interests of the University. Registration in any year does not entitle a student to registration in a subsequent year.

2. Students are required to attend the course of instruction and the examinations in all subjects prescribed for students of their respective standing, and no student will be permitted to remain in the University who persistently neglects academic work.

3. All interference on the part of any student with the personal liberty of another, by arresting him, or summoning him to appear before any tribunal of students, or otherwise subjecting him to any indignity or personal violence, is forbidden by the Council. Any student convicted of participation in such proceedings will render himself liable to expulsion from the University.

4. A student who is under suspension, or who has been expelled from a College or the University, will not be admitted to the University buildings or grounds.

5. The constitution of every University society or association of students and all amendments to any such constitution must be submitted for approval to the Caput. All programmes of such societies or associations must, before publication, receive the sanction of the Caput. Permission to invite any person not a member of the Faculty of the University to preside at or address a meeting of any society or association must be similarly obtained. Societies and associations are required to confine themselves to the objects laid down in their constitution.

6. The name of the University is not to be used in connection with a publication of any kind without permission of the Caput.

THE UNIVERSITY OF TORONTO MEDICAL SOCIETY.

This Society consists of the graduates and undergraduates enrolled in the Faculty of Medicine of the University of Toronto. It is under the patronage of the members of the Faculty of Medicine and its object is to deal with all matters pertaining to the general interest and welfare of the students, especially:—

(*a*) To encourage interest in general medical science and literature, and in pursuit of medical studies.

(*b*) To provide a supply of daily newspapers, periodicals, magazines and music for the reading rooms; also telephones for the convenience of students.

(*c*) To be a means of communication between the Student body and the Faculty or others, when such communication is desirable.

(*d*) To provide a series of entertainments for students at intervals during the Session.

(*e*) Each student will be required to pay the annual fee of one dollar to the Treasurer of the Society.

UNIVERSITY OF TORONTO YOUNG MEN'S CHRISTIAN ASSOCIATION.

The aim of this organization is to be of service to the undergraduates. At the commencement of the fall term it conducts a general information bureau where lists of inspected boarding houses are kept. Handbooks containing information that is of interest and importance to every student are presented to the men by the Association. The dose tables, prescriptions and chemical tests which are included in the Medical edition of this handbook make it of permanent value to every student in Medicine. The Association also endeavours to assist the men of the first year to become acquainted with each other and with men outside their own class by arranging a reception for them early in the year. For those students who find it difficult to meet all the expenses of a college course an employment bureau was opened last year, by means of which employment was provided for the spare hours of a few deserving students.

On Sunday mornings, for a greater part of the academic year, the Colleges' Sermon Series is conducted in the University Convocation Hall. The preachers at these services are among the strongest speakers to students in Canada and the United States.

The Bible Study Department of the Association has proven most interesting and helpful to the students. The method adopted for this study is the group system which means that the men who are following the work meet in groups of from six to eight in number at a time and place convenient to the members of the individual group. Each group is led—not taught

—by a fellow student. As a result of the freedom of discussion which this method assures, and of the systematic nature of the study, great interest is aroused in the things which really count in life.

Mission Study classes are conducted on the same principle and afford an excellent opportunity for acquiring an acquaintance with the great world problems of our age.

ALPHA OMEGA ALPHA HONOUR MEDICAL SOCIETY.

A chapter of the Alpha Omega Alpha has been in existence in the University of Toronto since 1906. This society, which has chapters in all the principal Medical Schools of Canada and the United States, is a student organization founded for the furtherance of Medical Research. Entrance to it is dependent entirely upon standing at examinations. Its activities consist in a series of bi-weekly meetings held during the winter session, for which papers are prepared and read by the student members.

REGULATIONS FOR LICENSE TO PRACTISE.

For official information of all matters relative to the regulations for license to practise in the various Provinces in the Dominion, students should communicate with the Registrar. The following is a list of the names and addresses of the Registrars of the Medical Councils:

Ontario—Dr. J. L. Bray, 170 University Avenue, Toronto, Ontario.

Quebec—Dr. J. Gauvreau, 30 St. James Street, Montreal, and Dr. C. R. Paquin, Quebec, P.Q.

New Brunswick—Dr. Stewart Skinner, St. John.

Nova Scotia—Dr. A. W. H. Lindsay, 241 Pleasant Street, Halifax.

Prince Edward Island—Dr. S. R. Jenkins, Charlottetown.

Newfoundland—Dr. H. Rendell, St. John's, Newfoundland.

Manitoba—Dr. J. S. Gray, 358 Hargrave Street, Winnipeg, or W. J. Spence, Registrar University of Manitoba, Winnipeg.

Alberta—Dr. G. Macdonald, Calgary, Alta.

Saskatchewan—Dr. G. A. Charlton, Regina.

British Columbia—Dr. C. J. Fagan, Victoria.

MEDALLISTS.

Medicine.

g. *gold medal*; s. *silver medal*.

Year.
58 Oille, L. S.–g.
Aikins, M. H.–s.
Millar, T.–s.
59 Barnhart, C. E.–g.
King, J.–s.
Francis, W. F.–s.
60 Bascom, J.–g.
Playter, E.–s.
Tisdell, F. B.–s.
Morton, E. D.–s.
Ogden, W. W.–s.
Martyn, D. H.–s.
61 Hudson, A.–g.
Elliott, J. D.–s.
62 Dolster, J.–g.
De Grassi, G. P.–g.
63 Ramsay, W. F.–g.
64 McLaughlin, J. W.–g.
65 Burnham, E. L.–g.
McCarthy, J. L. G.–s.
Kitchen, E. E.–s.
66 Mickle, W. J.–g.
McCullough, J.–s.
Wadsworth, J. J.–s.
67 Sparks, T.–s.
Palmer, R. N.–s.
Harbottle, R.–s.
Eccles, F. R.–s.
McFarlane, N.–s.
Newton, J. H.–s.
68 Brown, J. P.–g.
Hunt, R. H.–s.
Howe, T. C.–s.
69 Graham, J. E.–g.
Humble, C.–s.
McCollum, J. H.–s.
Bentley, T. B.–s.
70 Greenless, A.–g.
Burgess, T. J. W.–s.
Smith, C. M.–s.
Standish, J.–s.
Wagner, W. J.–s.
Burt, W.–s.
70 Williams, A. D.–s.
71 Forrest, W.–g.
Moore, C. Y.–s.
Henning, N. P.–s.
Delamater, R. H.–s.
72 Zimmerman, R.–g.
Crozier, J. B.–s.

Year.
73 Close, J. A.–g.
Beeman, M. I.–s.
Wright, A. H.–s.
Hagel, S. D.–s.
74 Fraser, D. B.–g.
Brown, O. C.–s.
Farewell, A.–s.
Cameron, I. H.–s.
Shaw, G.–s.
Fraser, D.–s.
75 Britton, W.–g.
White, J.–s.
Bennett, J. H.–s.
Eakins, J. E.–s.
76 McPhedran, A.–g.
Lackner, H. G.–s.
Bowerman, A. C.–s.
Wilson, W. J.–s.
77 Stuart, W. T.–g.
Orr, R. B.–s.
Richards, N. D.–s.
78 Griffin, H. S.–g.
Meek, H.–s.
Bonnar, J. D.–s.
Kennedy, G. A.–s.
Gardiner, J. H.–s.
79 Burt, F.–g.
Mills, R. P.–s.
Chappell, W. F.–s.
80 Cross, W. J.–g.
Bryce, P. H.–s.
Ferguson, J.–s.
81 Duncan, J. H.–g.
82 Wallace, R. R.–g.
Duncan, J. T.–g.
83 Robinson, W. J.–g.
Dolsen, F. J.–g.
84 Clerke, J. W.–g.
85 Howell, J. H.–g.
Carr, L.–s.
Saunders, R. M.–s.
Hoople, H. N.–s.
86 Peters, G. A.–g.
Noecker, C. T.–s.
Johnston, D. R.–s.
87 Ego, A.–g.
88 Féré, G. A.–g.
Galloway, J.–s.
89 Chambers, G.–g.
Collins, J. H.–s.

Year.
89 Godfrey, F. E.–s.
90 Barker, L. F.–g.
Cullen, T. S.–s.
Philip, W. H.–s.
McFarlane, M. T.–s.
McGillivray, C. F.–s.
91 Barnhardt, W. N.–g.
Bollen, P.–s.
Boyd, G.–s.
McGorman, G.–s.
92 Bruce, H. A.–g.
Middlebro, T. H.–s.
Gowland, R. H.–s.
Brown, J. N. E.–s.
93 Harvie, J. N.–g.
South, T. E.–s.
Elliott, W.–s.
Futcher, T. B.
Harvey, E. E. Æq–s.
94 McCollum, W. J.–g.
Rutledge, H. N.–s.
Crain, W. E.–s
Johnston, H. A.–s.
95 Merritt, A. K.–g.
McKay, T. W. G.–s.
McCrae, T.–s.
Hunter, A. J.–s.
96 McCaig, A. S.–g.
Roberts, E. L.–g.
Graef, C.–s.
Goldie, W.–s.
Macklin, A. H.–s.
97 Elliott, J. H.–g.
Hume, J. J. C.–s.
Nichol, R.–s.
Yeomans, W. L.–s.
98 McCrae, J.–s.
Sutherland, G. A.–s.
White, W. C.–s.
Cahoon, F.–s.
99 Wells, W.–g.
Hargrave, H. G.–s.
Piersol, W. H.–s.
Gow, J.–s.
00 P. L. Scott,
Bell, C. C. Æq–g.
Howland, G. W.
Revell, E. D. Æq–s.
Carder, E. D.–s.
01 Clarkson, F. A.–g.

Year.
01 McIlwraith, D. G.–s.
Cleland, F. A.–s.
Carswell, W. A.
Cohoe, B. A. Æq–s.
02 Roaf, H. E.
Saunders, W. P. Æq–g.
Fletcher, G. W.–s.
Moir, A.–s.
Archer, A. E.–s.
03 Oille, J. A.–g.
Phillips, J.–s.
Yin, S. C.–s.
Wilson, G. E.–s.
04 McCollough, R. J. P.–s.
Kinghorn, A.–s.
Anderson, R. W.–s.
Walker, S. B.–s.
05 Lemon, W. S.–g.
Ford, G.–s.
Merritt, W.–s.
Gowland, M. E.–s.

Year.
06 McNeill, H. M.–g.
Holbrook, J. H.–s.
Dickson, E. C.–s.
Moorhead, A. S.–s.
07 Gray, G. C.–g.
McVicar, C. S.–s.
Schinbein, A. B.–s.
Cannon, O.–s.
08 Richards, G. E.–g.
Robertson, W. A.–s.
Buswell, R.–s.
Harkness, J. G.–s.
09 Parker, C. B.—g.
Tytler, W. H.–s.
Marcy, W. J. M.–s.
Brown, A. G.–s.
10 Watt, J. C.–g.
Follett, J. V.–s.
Butterfield, R. M.–s.
Barker, P. W.–s.
11 Livingstone, J. M.–g.
Eagles, A. S.–s.

Year.
11 Bouck, C.
Christie, N. A. Æq–s.
Campbell, J. G. A.–s.
12 McClenahan, R. R.
McPhedran, F. M., Æq–g.
Breslin, L. J.–s.
Wellman, A. L.–s.
13 Scott, W. A.
Fletcher, A. A. Æq–g.
Simon, K. M. B.–s.
Wookey, H. W.–s.
Brown, C. P.–g.
Irwin, O. M.–s.
Brodey, A.–s.
Darby, G. E.–s.
14 Detweiler, H. K.–g.
Hewitt, S. R. D.–s.
McKenzie, K. G.–s.
Brown, H. E.–s.

Starr Medallists.

Year.
67 Palmer, R. N.
68 Hunt, R. H.
Brown, J. P.
Cassidy, J. J.
69 Graham, J. E.
70 Burgess, T. J. W.–g.
Greenless, A.–s.
Wagner, W. J.–s.
71 Moore, C. Y.–g.
Henning, N. P.–s.
Forrest, W.–s.
72 Zimmerman, R.–g.
Crozier, J. B.–s.
73 Meldrum, N. W.–g.
Close, J. A.–s.
Hagel, S. D.–s.

Year.
74 Brown, O. C.–g.
Farwell, A.–s.
Campbell, A. J.–s.
75 Britton, W.–g.
White, J.–s.
Bennett, J. H.–s.
76 Lackner, H. G.–g.
McPhedran, A.–s.
Bowerman, A. C.–s.
77 Stuart, W. T.–g.
78 Bonnar, J. D.–g.
Meek, H.–s.
Griffin, H. S.–s.
79 Burt, F.–g.
80 Cross, W. J.–g.
Bryce, P. H.–g.

Year.
81 Duncan, J. H.–g.
82 Wallace, R. R.–g.
83 Robinson, W. J.–g.
86 Peters, G. A.–g.
89 Collins, J. H.–g.
Chambers, G.–s.
90 Barker, L. F.–g.
91 Barnhardt, W. N.–g
92 Middlebro, T. H.–g
Bruce, H. A.–s.
96 McKay, T. W. G.
Rannie, J. A.
99 Hill, H. W.
03 McCrae, T.
08 Harvey, W. H.–g.

WINNERS OF FACULTY MEDALS AND SCHOLARSHIPS FOR 1914.

Faculty Gold Medal.....H. K. Detweiler
First Faculty Silver Medal.....S. R. D. Hewitt
Second Faculty Silver Medal.....K. G. McKenzie
Third Faculty Silver Medal.....H. E. Brown

SCHOLARSHIPS.

First Year.....{1. R. B. Hare. 2. G. H. Agnew.
Second Year.....{1. B. S. Cornell. 2. A. M. Jeffrey.

POST-GRADUATE SCHOLARSHIPS.

The George Brown Memorial Scholarship in Medical Science; H. K. Detweiler, C. C. Macklin, F. L. Eberhart, W. Hamilton, A. E. McKibbin.

CHAPPELL PRIZE IN CLINICAL SURGERY.

H. K. Detweiler.

STUDENTS AT THE UNIVERSITY WHO RECEIVED THE DEGREE IN MEDICINE AT THE ANNUAL CONVOCATION OF 1914.

Anglin, George Chambers,

Ballantyne, Charles Clarke,
Bastedo, Albert Frederick,
Beaven, John Reginald,
Binkley, George Ernest,
Bond, James Ernest,
Bremner, John Murray,
Brooke, Rufus John Whitby,
Brown, Harold Ernest,
Burnham, Howard Hampden,

Caldwell, George Leonard,
Cameron, Keith Wilson,
Cardwell, William Arthur,
Clarke, Harold,
Clifford, Ernest James,
Coleman, Ralph Elswood,
Conn, Hartley Robert,
Cook, Lorne Hall,
Coutts, Roy,
Crane, Richard Edwin,
Cross, Wallace Warren,

Day, Oswald John,
Detweiler, Herbert Knutsen,
Drake, Theodore George Harwood
Duck, John Albert,
Dure, Franklin Mortimer,

Eberhart, Francis Louis,

Flock, George Murray,
Foulds, Gordon Sutcliffe,

Galbraith, Charles Thomas,
Gardiner, William John,
Gliddon, George Clarence,
Graham, Thomas Fleck,
Guyatt, Benjamin Leslie,

Hamilton, William,
Hartry, Russell Edgar,
Hewitt, Samuel Ross DeLap,
Humphrey, John Norman,

Jeffs, Howard Brown,

Knox, James Edward,

Little, Oliver John Samuel,
Little, William Thomas,

Mack, Frank Gordon,
Macklin, Charles Clifford,
Martin, Harold Sanderson,

Maynard, John Cotton,

McCorvie, John Edward,
McIntosh, William Verne,
Macintyre, Horace Roy,
McKay, Hugh Alexander,
McKenzie, Kenneth George,
MacKenzie, Robert Dewar,
McKenzie, Walter Wake,
McKibbin, Alan Ernest,
McLean, William John,
McQuade, Ernest Alexander,

Palmer, Laurel Cole,
Parker, Arthur Allan,
Paterson, Murray Hume,

Quick, Douglas Absalom,

Reeds, William Robert,
Risdon, Ernest Fulton,
Ross, Donald Edison,

Sinclair, William Ewing,
Slater, Robert Franklin,
Smith, Roy Stanley,
Stewart, John Murdoch,
Struthers, Robert Gordon,
Syer, Edmund Coulter,

Taylor, Addison,
Tyrer, Wilfrid Lorne,

Watson, William Virgil,
Wolverton, Harold Alonzo,
Wynne, Charles Stuart,

Four Years' Course.

Ferguson, Hugh Edgar,
Sproule, Newton Egerton Hay,

STUDENTS AT THE UNIVERSITY WHO RECEIVED THE DEGREE IN MEDICINE IN NOVEMBER, 1914.

Five Years' Course.

Cowling, Miss Edna May,
Davis, Frederick George,
Horkins, Richard,
Jeffrey, Edward Shapter,
Lowrey, Bertrand David,
Moodie, Miss Laura Isabel Findlay,
Smith, Roy Percy,
Speers, Miss Ada Belle,
Sutton, Harold Chester,
Thomson, Murray Garth,

Four Years' Course.

Colwell, Harry Herbert, B. S. A.

IN DECEMBER, 1914.

Five Years' Course.

Wilson, Robert Roy,

Four Years' Course.

Shaw, John Frederick,

FACULTY OF MEDICINE, UNIVERSITY OF TORONTO.

LIST OF STUDENTS REGISTERED FOR SESSION 1914-1915.

First Year.

Alexander, W. P. J.... .Toronto
Allen, H. M.....Toronto
Allison J. O.....Maxwell
§Anderson, J. O.....Toronto
Avison, D. B.....Smith's Falls

Bartley, Miss K. M.....Toronto
Bastow, D. C.....Toronto
Bell, F. J.....Toronto
Bell, G. L.....Oro Station
Bell, L. R.....Toronto
Blatz, W. E.....Hamilton
Brayley, L. G.....Toronto
Brown, M. J.....Toronto
§Bryan, C. G.....Toronto
Brymer, N. S.....Toronto

Carleton E. A.....Roslin
Carrie, D. S.....St. Thomas
§Carruthers, W. L.....Elmvale
Carson, J. E.....Desboro
Carter, T. P .....Schomberg
Cassidy, I. B.....Drayton
Coliton, J. H.....Oshawa
Connell, W. M.....Lucknow
Cornwall, W. D.....Toronto
Cowan Miss L. W.....Seaforth
Crehan, W. H.....Calgary, Alta.
Crow, G. W.....Welland

Dales, M. G.....Drayton
Deavitt, J. B .....Toronto
Dickson, C. S.....Niagara Falls
Dickson, W. B.....Niagara Falls
Dobson, H. V.....Fordwich
Docherty, J. F.....Seaforth
§Dunn, A. S.....Campbellford

§Elliott, R. J.....Belleville
Esser, D.....Toronto

Ferguson, H.....Uxbridge
Fitzpatrick, C. P.....Napanee
Flanagan, J.....Chapleau
Fraser, G. M.....Toronto
Free, F. de. F.....Campbellford

§Gauld, W. H ..Tamsui, Formosa
Gibson, E. L.....Hamilton
Glassberg-Volpe, A.....Toronto
Graef, F. W.....Clifford
Graham, J. A.....Toronto

Hall, R. C.....Calgary Alta.
Halliday, D.....Belgrave
Harris, C. W.....Toronto
Hart, H.....Mount Horeb
Haskett, F. H.....Watford
Hayes, J. V.....Peterboro
Hill, J. C.....Orillia
Holmes, T. C.....Brussels
Hunter, G. J.....Mount Forest
§Husband, A. C.....Kemble

Ives, R. E.....Colborne

Jeffrey, G. S.....Caledonia
Johnston, W. E.....Toronto
Jones, G. R.....Webbwood

Kemp, M. W.....Heathcote
Kerr, Miss M. G.....Toronto
§Kilgour, A. J.....Cornwall
Kinsman J. D.....Fonthill
Kiteley, Miss E. L.....Bradford

Lane, H. B. .....Toronto
§Lang, H. B.....Richmond Hill
Langhorne, C. R.....Hamilton
Latchford, J. K.....Toronto
Lipchitz, H.....Toronto
Little, H. S.....Ridgetown
Lloyd, F. P.....Saskatoon, Sask.
Logan, F. A.....Niagara Falls
Long, E. C.....Listowel
Lowrie, H.....Toronto

Marvin, Miss B. V.....Seagrave
Masson, D. M.....Toronto
Matheson, G. M.....Hamilton
§Mickleborough, K. G....Toronto
Miller, J. R.....Iroquois
Miller, W. H.. .....Barrie
Mills, O. G.....Tottenham
Moon, H. R.....Sydenham
Muir, D.....St. Mary's
Muir, Miss H. M.....Toronto

§ Withdrew during the session for military service.

§Murray, D. W. G .....Embro
Murray, J. K. P.....Toronto
McCarter, A. B...Dawson, Y. T.
McClure, Miss J R.....Toronto
McCormack, W. G.....Toronto
McDowell, J. W.....Drayton
§McEachern, J. M., Winnipeg, Man.
§McFaul, A. M.....Collingwood
McKay, A. L .....Toronto
McLatchie, Miss L. D., Calgary, Alta.
McLean, A. L.....Toronto
Macnamara, H. O. .....Toronto
McPherson, R. J.....Puslinch
§McVean, H. C.....Toronto

Neelands, Miss L. G.....Forest

§O'Leary, F. J. .....Toronto

Palmer, H. I.....Brantford
Palmer, R. E.....Toronto
Paterson, R. S.....Blantyre
Pequegnat, L. A.....Berlin
Phillips, T. G. W.....Toronto
Podnos, A.... .....Toronto
Powell, W. G.....Stratford
Prendergast, D. J.....Toronto
Puffer, D. S.....Toronto

Quinn, H. J.....Colborne

Riddell, W. R.....Beaverton
§Rivers, R. E.....Seaforth
Rumball, K. P....Niagara Falls

Sinclair K. Y.....Meaford
Somers J. B.....Rodney
Speck, J. T.....Randall
Spence, C. A.....Lucknow
Spratt, W. L.....Ottawa
Stevenson, H. G.....Toronto
Stewart, A E., Mount Hamilton P. O.
Sutherland J. L...St. Catharines
§Symington, J. B.....Camlachie

Thompson, A A., Penetanguishene

Vanderburg, J. A.....Merritton
Verity, L. E.....Brantford

Walton, B.....Peterboro
Warner, W. P.....St. Thomas
Watson, G. F.....Burlington
§Webster, D. B.....Toronto
Weinstein, S. J.....Toronto
Wellwood, G. R.....Gravenhurst
West, P. C.....Toronto
Wheler, E. G.....Toronto
Wilkinson, F. W.....Toronto
Williams, C. V.....Hamilton
Williamson, Miss A. B., Beaverton
Wilson, D. B.....Toronto
Wilson, W.....Toronto
Wray, S.....Schomberg

Young, C. O..... Toronto

Zumstein, G. T....St. Catharines

Second Year.

Agnew, G. H.....Toronto
Aitchison, W. S.....Elora
Anderson, Miss A. J.....Toronto

Baker, R. H.....Wingham
Banting, O. F.....Lucan
Batten, W. H.....Toronto
Bentley, G. A.....Port Arthur
Benwell, C. E....Birmingham, Sask.
§Bicknell, N. J.....Dunnville
Boles, W. P.....Stratford
Boyd, Miss G. L.....Toronto
Bromley, A. J.....Toronto
Brown, C. C.....Stayner
Bulmer, Miss M. A. C...Toronto
Bunt, M. H.....Collingwood
Burns, B. R.....Toronto

Cain, R. F.....Sault Ste. Marie
§Carlisle, A. M.....Peterboro
Cohen, B.....Toronto
Copp, J. C.....Clinton
Coulson, E. G.....Leamington
Cox, M. A.....Toronto
§Cryderman, W. J....Walkerton
Cunningham, H. W....Greenock

§Dafoe, W. A.....Madoc
Davis, R.....Kirkton
Devins, C. J.....Thornbury
Dowler, V. B.....Fort William
§Doyle, R. H.....Toronto

Eadie, G. S.....Toronto
Edmonds, L. C.....Toronto
Edmonds, W. B.....Toronto
Eede, J. R. L.....Leamington

§ Withdrew during the session for military service.

Farmer, G. R. D.....Ancaster
Feader, H.....Toronto
Feick, T. B.....New Hamburg
Findlay, C. A.....Manotick
Forge, F. W....Moose Jaw, Sask.
Fraser, D. H.....Stratford

Garbutt, C. T. P.....Norham
Geddes, W. A. S.....Ailsa Craig
§Gilmer, E. R.....Atwood
§Hare, R. B.....Rosetown, Sask.
Harris, W.....Toronto
Henry, W. J.....Markdale
§Hill, C. E.....Richmond Hill
§Hogarth, W. P.....Fort William
Holmes, A. B., New Westminster, B.C.
Holmes, W. H.....Toronto
Hopkins, H. E....West Toronto
Huether, A. L.....Walkerton

Jones, H. O.....Goderich
Joyce, R. E.....Bronte

Kennedy, Miss C. I. M.Wingham
Kennedy, R. B..... ...Essex

Lazenby, F. S.....Toronto
Leach, J. W.....Meaford
Lloyd, I. M.....Newmarket
Logie, W. D.... .....Sarnia
Low, D. M.....Vancouver, B.C.

Malcolmson, A. S..St. Catharines
Meader, Miss F. M.... .Toronto
Morris, R. H....Middleton, N.S.
Mulligan, C. V.....Omemee

Macallum, A. D.....Toronto
McCallum, D.....Toronto
McClelland, H. C.....Toronto
McCosh, J. T.....Paris
MacDonald, J. D.....Teeswater
§McGillivray, J. E., Weyburn, Sask.
§McIntosh, P. D.....Toronto
McKay, D. W., New Westminster, B.C.
§McKenzie, W. L.....Toronto
McLeod, N. D.....Hawkestone
McNally, H. J.....Berlin

McNevin, F. P.....Uxbridge
Macpherson, A. W..St. Thomas

Nesbitt, J. H.....Toronto

Owen, T..... .Toronto

Parks, W. R.....Toronto
Pearlman, D..... .Toronto
Pedley, W. H.....Woodstock

§Ramsey, G. H. S.....Toronto
Rankin, R. W.....North Bay
Reuber, R. N.....Hanover
Riseborough, E. C....Ridgetown
Robertson, J. M..... .Toronto
§Roger, I. B...Farm School, N.C.
§Russell, N. H.....Brampton
Rymal, L. C.....Hamilton

Seymour, R. A..Vancouver, B.C.
Siegel, M.....Hamilton
Simpson, R. W.....Waldemar
Sinclair, J.....Toronto
Snider, Miss L. H.....Toronto
Spence, R. J.....Orangeville
Steinhauer, W. B...Morley, Alta.
Stewart, T. H..Richibucto, N.B.
Street, H. W.....Owen Sound
Stuart, L. M.....Galt
Sullivan, H.....Bruce Mines
Sullivan, B. C.....Toronto
Swan, W. D.....Brucefield

Tucker, R. M.....Allanburg
Turnbull, A.....Canfield
Turney, H.....Trenton

Urquhart, G. T....Owen Sound

Van Etter, O.....Wardsville

Wagner, L.....Berlin
Walker, F. N.....Grahamsville
Walwyn, W. E. M. ....Toronto
Werden, W. A.. .....Mimico
West, S. E. T. .....Angus
Whealy, A. T.....Toronto
Wilkinson Miss M. E...Toronto

Third Year.

Adams, J. F.. .....Hanover

§Banting F. G.....Alliston
§Barnes, W. B .....Toronto
Barraclough, W. W., St. John,N.B.

Becker, Miss M. B.....Toronto
§Blayney, Y.....Toronto
Bond C. E.. ....Galt
Boone, F. H.....Toronto
Boyce, A. J .....Goderich

§ Withdrew during the session for military service.

Bray, Miss M.....Toronto
Brisson, S.....St. Joseph
Brown, W. E.....Toronto

Cale, Miss R. C.....Toronto
§Cameron, G. C.....Toronto
§Carlisle, V.....Windsor
Clarke G. R.....Toronto
Cornell, B. S.....Athens
§Cruickshank, H. C.....Hamilton

Davis, D.....Toronto
Douglas J. S.....Dunnville

Edis, J. F.....Toronto
Elkerton, F. J. Chamberlain, Sask.
Elliot, H. A.....Midland
§Evelyn, S. J., Annotto Bay, B.W.I.

Farquharson, C.....Agincourt
Findlay, D. G.....Toronto
Findlayson, D. R.....Lochalsh
Frain, C. E.....Norwich
Fuller, C. K.....Yarmouth, N.S.
§Furey, N. W.....Toronto

Gilchrist, J. A.....Toronto
Gimby, J. E.....Sault Ste. Marie
Glancy, J. A. R.....Newmarket
Graham, M. G.....Rodney
Graydon, W. L.....Toronto
Gregory, A. W.....Kent Bridge
Grisdale, A.....Niagara Falls

Hall, W.....Parkhill
Henderson, W. I.....Toronto
Hipwell, F. W. W.....Alliston
§Howell, J. H.....Welland
Hutchinson, E. D.....Sarnia
§Irvine, H. J.....Sarnia

Jamieson, W. G.....Camborne
Jeffrey, A. M.....Toronto
Jeffs, G. D.....Toronto
Johnston, Miss M. E. D., Kippen

King, J. L.....Hornby
§Kirkup, N. N.....Barrie

§Lane, W. R., New Westminster, B.C.
§Leech, F. W.....Newboro
§Little, W. C.....Barrie
Loney, B. S.....Toronto

Malyon, R. H.....Uxbridge
Mathers, J. A.....Stroud
Miller, C. O.. Sioux Falls, S.D.
Mills, C. V.....Corunna
Mitchell, F. R.....Meaford
Mitchell, I. N.. Welland Junction
Mitchell, H. A., Prince Albert, Sask.
Mitchell, W. T. B.....Watford
Montgomery, A.....Toronto

McClelland, J. C.....Toronto
§McClinton, W. S.....Elmvale
Macdonald, J. H.....Smith's Falls
McDonald, J. M.....Lakeside
Macdougall, C. S.....Kincardine
MacKay, A.....Woodstock
§Mackenzie, A. E.....Oil City, Pa.
MacKenzie, F. M.....Windsor
§MacKenzie, J. W.....Toronto
§McKeough, W. S.....Chatham
MacKinlay, R.....Aberarder
MacTavish, C. R.....Toronto

§Nettleton, E.....Toronto

Parney, F. S., Edmonton, Alta.
Peacock, P.....Stroud
Pratt, C. V.....Cobourg

Rae, C. A.....Toronto
§Reddick, J. W.....Toronto
§Reid, J. S.....Tillsonburg
Rogers, L. M. H., Lloydminster, Sask.

§Scott, C. V.....Toronto
Scott, G. R.....Peterboro
§Scott, W. J.....Richmond Hill
§Shannon, P. R.....St. Thomas
Shirton, G. K.....Dunnville
§Smith, J. R.....Harrow
Sparks, W. E. L.....Toronto
Steinmetz, Miss I. D., Fruitland P.O.
§Stevenson, G. H.....Hamilton
Stoll, E. L.....Niagara Falls
§Strachan, J. G.....Toronto
§Sykes, G. F.....Woodstock

Tate, E. C.....Bluevale
Tew, W. P.....Oil Springs
Thomas, N. O.....St. Thomas
Thompson, C. E.....Hamilton

Veitch, H. D.....Winterbourne

§Wells, C. A.....Toronto
White, T. E.....Hamilton
Whitney, K. H.....Atherley P.O.
§Wigle, D. S.....Windsor

§ Withdrew during the session for military service.

Fourth Year.

Armstrong, G. W.....Toronto
Armstrong, R. H.....Clarksburg

Ballantyne, T. W.....Stratford
§Barry, J. E.....Niagara Falls
§Berry, E. G.....Toronto
Black, C. N.....Calgary, Alta.
Blake, W. A.....Hamilton
Blakely, A. M.....Chatham
Bragg, N. W.....Brantford
§Broughton, E. A.....Whitby
Brown, P. B.....Toronto

Cameron, G. M.....Hamilton
Clarke, E. K.....Toronto
Clouse, E. B.....Toronto
Cohen, I.....Sault Ste. Marie
§Connell, W. C.....Prescott
Corcoran, D.....Toronto
Curry, P. W. M.....Trenton
Cringan, Miss L. W.....Toronto

Dales, L. W.....Drayton
Davis, G. A.....Toronto
Dickson, J. A.....Toronto
Dixon, H. A.....Toronto
Dobson, T. L.....Utopia

Fenwick, C. P...St. Johns, Nfld.
Fleming, V. P.....Toronto
Freel, H. B.....Stouffville

Gillies, A. E.....Port Hope
Givens, W. C.....Toronto
§Graham, S. G.....Lobo
Greaves, A. V.....Toronto
Greenaway, A. C.....Cambray

§Hagerman, A. R..Parkland, Alta.
Hargrave, H. R.....Toronto
§Harvie, R. M.....Coldwater
Hessian, H. A.....Toronto
Hetherington, H. B.,
St. Catharines
§Hill, L. R.....Toronto
§Hodgins, W. E.....Lucan

Isaacson, A.....Toronto

§Jackson, A. B.....Simcoe
Janes, R. M.....Watford
§Johnson, F. M.....St. Thomas
Jones, W. E.....Kerrisdale, B.C.

Knox, A. W.....Lougheed, Alta.

Lapp, A. D.....Toronto
Lewis, C. T.....Windsor
Lewis, G. F.....Windsor
Little, N. H.....Trenton
§Lindsay, A. R.....Toronto
§Linton, J. A.....Puce
Lowe, W. A.....Haileybury

Maitland, H. B.....Toronto
Martin, W. E.....Regina, Sask.

MacCallum, A. J.,
North Battleford, Sask.
McCowan, W. P.....Toronto
McCullough, J. C., Walters Falls
§MacDonald, A. E.....Brantford
MacDonald, A. R.....Jarvis
McDonald, J. L.....Dresden
McKeown, J.....North Bay
MacKay, C....Stoughton, Sask.
MacLennan, D. S.....Toronto
MacMahon, V. P..St. Catharines
MacMurchy, J. A.....Acton
§McNair, A. Y...Moose Jaw, Sask.
McPherson, E. E...Cedar Springs

Nash, H. C.....Stoney Creek
Naylor, A. H.....Lindsay
§Norwich, A. C.....Toronto

Patterson, Miss O. G....Toronto
Pollock, F. R., St. Boswell's, Sask.
Pugh, E. C.....Toronto

Rabinowitch, I. M.....Toronto
Rehill, J. R.....Lumsden, Sask.
Robson, R. B.....Petrolea
§Rutherford, W. B.....Blenheim

§Sarjeant, P. A.....Barrie
Scott, C. I.....Camilla
§Scullard, G .....Chatham
§Sharpe, J. H.....Toronto
Shaw, L. O..Dawson City, Yukon
Shouldice, E. E...Calgary, Alta.
Sinclair, T. A.....Walkerton
Snider, R. J.. .....Toronto
Spearing, F.....Batteau
Speers, A. L.....Merton
§Stanley, J. A.....Lucan
Stobie, G. H. .....Port Lock
Switzer, B. C.....Norval

§ Withdrew during the session for military service.

Tanner, G. E.....Sarnia
Thomson, A.....Bendale
Tisdall, F. F.....Toronto
Tryon, Miss M.....Priceville

Warriner, C. H .....Toronto
Williams, P. A.....Napanee

Willoughby, C. J. M....Toronto
Wilson, Miss B. H....Gananoque
Wilson, F. B. G.....Waterford
§Wilson, M. J.....Toronto

Young, Miss A. M....Binbrooke
Young, H. G....Saskatoon, Sask.

Fifth Year.

§Allison, G.....Picton
§Armour, R. S.....Campbellford

Baillie, W. H. T.....Toronto
Ball, R.....Toronto
§Ball, S. S.....Hanover
Barnett, J. D. H. W..St. Mary's
Bean, J. A.....Clinton
§Bell, A. M.....Merrickville
Betzner, N. E.....Copetown
Black, H.....Stroud
Bond, R. A.....Toronto
Broad, C. O.....Little Britain
Boyd, J. R.....Meaford
Buttle, W. W.....Cobden

Cameron, W. A...Advocate, N.S.
Campbell, W. R.....Toronto
Carpenter, T. A.....Port Dover
§Carr, L. A.....Hamilton
Cassidy, J. M.....Toronto
§Cates, H. A.....Toronto
Cathcart, W. A.....Courtright
§Chassels, J.....Toronto
§Clement, F. W.....Deseronto
§Coatsworth, R. C.....Toronto
Collver, Miss B. L...Waterford
Cosbie, W. G.....Toronto
Cotton, J. H.....Toronto
Courtenay, H. D.....Ottawa
Coutts, E. D.....Toronto
Cowan, R. D.....Galt
§Crews, T. H.....Woodstock
§Crompton, C. R. B., Brantford
Cunningham, J. G., Moose Jaw, Sask.

Dale, G. M.....St. Thomas
Daly, J.....Iona, P.E.I.
Duncan, J. H.....Toronto

Evans, W. L.....Regina, Sask.

Fallis, L. C.....Toronto
Fauman, D. H..Rochester, N.Y.
Ferrier, G. J.....Mimico
§Fraser, D. T.....York Mills
Fraser, R. H.....Chatham

Gamey, L. R.....Gore Bay
Gelber, S.....Windsor
§Gillrie, F. R.....Hamilton
Gocher, T. E. P...Seattle, Wash.
Gordon, Miss E. H.....Toronto
§Gorman, M. E.....Oakville
Graham, P. V.....Uxbridge
Guy, D. H.....Maxwell

§Hamilton, H. P.....Uxbridge
Haney, W. C.....Toronto
Hanley, J. B.....Midland
Harris, R. I.....Toronto
Hayes, J. W.....Peterborough
Hazlewood, H. C. P.....Toronto
Hearn, P.....Toronto
§Helliwell, M. R.....Toronto
§Hodge, W. R.....London
Holmes, A. B.....Toronto
§Howitt, J. R.....Hamilton

Joyce, H. G.....Bronte

Kennedy, W. T.....Toronto
Kinsey, H. I.....Chatham
§Kirkham, F. R.....Toronto

Lamont, G. A.....Guelph
Lang, D. E.....Toronto
Letts, F. L.....Bridesville, B.C.
Ley, A. G.....Markham
Livingston, G. C.....Toronto
Lyon, L. B., St. Ann's Bay, Jamaica.

Marlow, F. C., Nestleton Station
§Martin, H. C.....Hamilton
Martyn, W. M.....North Bay
Mitchell, H. K.....Port Arthur
Moffat, A. B.....Toronto
§Moon, A. A.....Cottam

McGanity, A. J.....Hamilton
McIntyre, G. C.....Paisley
McLaren, W. R.....Sarnia
McLarty, G. A.....Toronto
McMullen, D.....Petrolea
Macneil, G. W.....Owen Sound
McVicker, E. H.....Toronto

§ Withdrew during the session for military service.

Naylor, R. W.....Toronto
Newell, C.....Milton
Newman, W. R.....Toronto

O'Gorman, V. K.....Cobalt
§O'Sullivan, P. M.....Toronto

§Paul, R.....Sebringville

Riddell, A. R.....Toronto
Routley, T. C.....Toronto

Simpson, T. J.....Waldemar
Smith, Miss H. M., Bombay, India
§Smith, H. R.....Toronto
Stark, W. B.....Toronto
Stirrett, E. Z.....Toronto
Stock, V. F.....Tavistock
Storey, V. H.....Port Hope
§Storms, T. H. D.....Hamilton
Sutherland, F. H.....Toronto

§Van Wyck, H. B.....Chatham

Walker, S. A.....Toronto
§Walsh, S. Y.....Peterboro
Watt, G. M.....Brantford
Wilson, C. E.....St. Mary's
Winkler, W. N .....Toronto
§Wishart, D. E. S.....Toronto

D.P.H. Students.

Lochead, D. C. (M.D., C.M.), Gull Lake, Sask.
Todd, Miss R. R. (M.D., C.M.), Toronto

Occasional Students.

Dobbin, G. M.....Toronto
Moody, A. J.....Berlin
Soules, M. H.....Oshawa
Wilson, R. R.....Toronto
McCormick, A. M. (M.D., C.M.), Toronto

Dental Students.

Astle, W. W..Little Metis, Que.

Barbour, R. M..Fredericton, N.B.
Barker, J. C.....Nipigon
Barry, F. H.....Toronto
Bechely, F.....St. Thomas
Bell, F. E.....Toronto
Benson, A. E., Grate's Cove, Nfld.
Bishop, R.....Toronto
Blackwell, R. W.....Kincardine
Box, R. M.....Carleton Place
Boyd, A. W.....Creemore
Brisebois, O.....Ottawa
Brown, J. W. E.....Caledonia

Cavanagh, A. E.....Kinburn
Chambers, A.....Treherne, Man.
Chartrand, W.....Ottawa
Collard, C. R....Victoria Square
Coursier, H. L..Revelstoke, B.C.
Coyne, C. A.....Toronto
Crozier, A. L.....Portsmouth

Davidson, L. R.....Shelburne
Deans, F. M.....Preston
Dixon, E. R.....Walkerton
Eby, E. W.....Waterloo
Elgie, R. W.....Grand Valley

Fauman, A. S.....Hamilton
French, H. G.....Dresden
Furlong, F. J.....Hamilton

Graham, C. C..Winnipeg, Man.

Hagey, M. H.....Preston
Hart, O.....Craighurst
Hoffman, R. W.....Toronto
Hooley, M. J.....Wallacetown
Humphreys, E. V.....Cooksville
Hutchinson, T. H....Stouffville
Irwin, J. I.....Campbellford

Jones, A. W., Carnarvon, N. Wales

Katzenmier, H. M., New Hamburg
Kaufman, W. O.....Tavistock

Larmour, J. G., Aylmer East, Que.
Larmour, R. R., Aylmer East, Que.
Lee, G. A.....Greenbank
Legate, H. B.....Owen Sound

§ Withdrew during the session for military service.

Lipsey, C. H., Thetford Mines, Que.
Loveridge, W. A..Vancouver, B.C

Morgan, C. E.....Aultsville
Myles, A.....Treherne, Man.

McCormack, R. A.....Toronto
McDowell, K....Shawville, P.Q.
McGregor, J. A...Regina, Sask.
McInally, H. L.....Lynneville
McIntyre, P. M.....Parkhill
McKee, E. C.....Toronto
MacLachlan, W. C.....Toronto

Norton, A. L.....Wiarton

Oliver, E. J.....Manitou, Man.

Porter, C.....Smith's Falls
Porter, W. A.....Smith's Falls

Reveler, J. M.....Cannamore
Robb, E. J.....Lochalsh
Robb, M.....Atwood
Robinson, E. J.....Toronto
Ryan, J.....Campbell's Cross

Saunders, S. V...Smith's Falls
Scott, W. H.....Edmonton, Alta.
Sheehy, R. A.....Peterboro
Sinclair, W. S. H.....Arnprior
Singleton, G. M...Smith's Falls
Smith, H. E.....Renfrew
Smith, H. L.....Dutton
Stedman, L. R.....Perth
Stone, R. J.....Greenbank
Sullivan, W. J.....Arnprior

Taylor, R. F.....Grand Valley
Truemner, J. E.....Zurich
Turner, J. W.....North Bay

Walker, T. C.....Mountain
Wallace, R. D.....Bioan, Alta.
Whaley, E. F.....Caledonia
White, S. G.....Gravenhurst
Wicks, A. G.....Guelph
Winn, R. O.....Elmira
Wood, R. C.....Erin

Summary.

First Year Students	142
Second Year Students	114
Third Year Students	103
Fourth Year Students	101
Fifth Year Students	108
D. P. H. Students	2
Dental Students	83
Occasional Students	5
Total	658

The University of Toronto issues the following official publications, any one of which may be had on application to the Registrar of the University or to the Secretary of the particular Faculty respecting which information is sought:

Information for Students.

Curriculum for Junior Matriculation.

Calendar of the Faculty of Arts.

Calendar of the Faculty of Medicine.

Calendar of the Faculty of Applied Science and Engineering.

Calendar of the Faculty of Education.

Calendar of the Faculty of Forestry.

Calendar of the Faculty of Household Science.

Curricula in Music.

Calendar for the Summer Session.

Miscellaneous Curricula.